

## File Names

15:18 Thursday, September 30, 2004 1

File #	Original File Name
1	PAC2001_GVRD_UNK_GAS_MET_20010801D31_V1.csv

## Dataset Key Phrases

Data Exchange Standard Version	Principal Investigator Name--last first	Principal Investigator Affiliation	File Contents Description--short long	Sampling Interval As Reported in Main Table
NARSTO 2001/10/31 (2.213)	Percival ; Al	Greater Vancouver Regional District	GVRD_Gas+_Met ; GVRD Gas and Meteorological Data	1 hour

Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement
Same as sampling interval	1	GVRD	Greater Vancouver Regional District	Al Percival, Supervisor,Air Monitoring and Computer Services,Air Monitoring and Assessment Division,Policy and Planning Department,Greater Vancouver Regional District,4330 Kingsway, Burnaby,B.C.,V5H 4G8 ph: 604-436-6746

Study Or Network Acronym	Study Or Network Name	Country Code	State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first
GVRD	Greater Vancouver Regional District	CA (CANADA)	BC	Al Percival, Supervisor,Air Monitoring and Computer Services,Air Monitoring and Assessment Division,Policy and Planning Department,Greater Vancouver Regional District,4330 Kingsway, Burnaby,B.C.,V5H 4G8 ph: 604-436-6746	

Co-investigator Affiliation	Name And Affiliation Of Person Who Generated This File	Date Of Last Modification To Data In Main Table
	Emerald Kushnier, Environment Canada	2002/02/05

Name And Version Of Software Used To Create This File	Companion File Name format And Version	Date This File Generated archive Version Number	Table Explanation Of Zero Or Negative Values
Excel/97	None ; 0	2004/09/28 ; 1	Information not available

Table Explanation Of Reported Detection Limit Values	Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name
Information not available		None	None			Gas+_Met

Table Focus
Surface--fixed

## Site Information

Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)	Site land use
PC01CABCT001	ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER	BC	49.26111111	-123.1636111	-999.9	56	None
PC01CABCT002	KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER	BC	49.26111111	-123.1636111	-999.9	63	None
PC01CABCT004	KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY	BC	49.27944444	-122.9711111	-999.9	133	None
PC01CABCT005	CONFEDERATION PARK - PANDORA STREET AND ALPHA AVENUE - BURNABY (retired May 28, 1999)	BC	49.28333333	-123.0208333	-999.9	101	None
PC01CABCT006	SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER	BC	49.30222222	-122.8497222	-999.9	15	None
PC01CABCT009	ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY	BC	49.28194444	-121.9405556	-999.9	15	None
PC01CABCT012	CHILLIWACK AIRPORT (CHILLIWACK)	BC	49.15611111	-122.9088889	-999.9	10	None
PC01CABCT013	NORTH DELTA - 8544 116TH STREET - DELTA	BC	49.15833333	-122.9008333	-999.9	111	None
PC01CABCT014	BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY	BC	49.28083333	-122.9116667	-999.9	360	None
PC01CABCT015	SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY	BC	49.13277778	-122.6933333	-999.9	79	None
PC01CABCT017	RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND	BC	49.14166667	-123.1080556	-999.9	15	None
PC01CABCT018	BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY	BC	49.21555556	-122.9825000	-999.9	145	None
PC01CABCT020	MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS	BC	49.24527778	-122.7091667	-999.9	20	None
PC01CABCT022	BURMOUNT - 7815 SHELLMONT STREET - BURNABY	BC	49.26555556	-122.9377778	-999.9	151	None
PC01CABCT023	CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only)	BC	49.28777778	-122.9855556	-999.9	500	None
PC01CABCT024	BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only)	BC	49.28750000	-123.0083333	-999.9	100	None
PC01CABCT025	SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only)	BC	49.43722222	-122.9650000	-999.9	220	None
PC01CABCT026	MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN	BC	49.32388889	-123.0830556	-999.9	80	None
PC01CABCT027	LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY	BC	49.09611111	-122.5663889	-999.9	82	None
PC01CABCT029	HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE	BC	49.36972222	-121.4994444	-999.9	131	None
PC01CABCT030	GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE	BC	49.21472222	-122.5819444	-999.9	100	None

## Site Information

Site ID	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
PC01CABCT001	None	9999/12/31	9999/12/31			.
PC01CABCT002	None	9999/12/31	9999/12/31			.
PC01CABCT004	None	9999/12/31	9999/12/31			.
PC01CABCT005	None	9999/12/31	9999/12/31			.
PC01CABCT006	None	9999/12/31	9999/12/31			.
PC01CABCT009	None	9999/12/31	9999/12/31			.
PC01CABCT012	None	9999/12/31	9999/12/31			.
PC01CABCT013	None	9999/12/31	9999/12/31			.
PC01CABCT014	None	9999/12/31	9999/12/31			.
PC01CABCT015	None	9999/12/31	9999/12/31			.
PC01CABCT017	None	9999/12/31	9999/12/31			.
PC01CABCT018	None	9999/12/31	9999/12/31			.
PC01CABCT020	None	9999/12/31	9999/12/31			.
PC01CABCT022	None	9999/12/31	9999/12/31			.
PC01CABCT023	None	9999/12/31	9999/12/31			.
PC01CABCT024	None	9999/12/31	9999/12/31			.
PC01CABCT025	None	9999/12/31	9999/12/31			.
PC01CABCT026	None	9999/12/31	9999/12/31			.
PC01CABCT027	None	9999/12/31	9999/12/31			.
PC01CABCT029	None	9999/12/31	9999/12/31			.
PC01CABCT030	None	9999/12/31	9999/12/31			.

## Site Information

Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)	Site land use
PC01CABCT031	VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998)	BC	49.18638889	-123.1525000	-999.9	10	None
PC01CABCT032	DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000)	BC	49.28805556	-122.7916667	-999.9	61	None
PC01CABCT033	CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998)	BC	49.04277778	-122.2263889	-999.9	20	None
PC01CABCT034	ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001)	BC	49.02361111	-122.3438889	-999.9	21	None

## Site Information

Site ID	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
PC01CABCT031	None	9999/12/31	9999/12/31			.
PC01CABCT032	None	9999/12/31	9999/12/31			.
PC01CABCT033	None	9999/12/31	9999/12/31			.
PC01CABCT034	None	9999/12/31	9999/12/31			.

## NARSTO Standard Flags

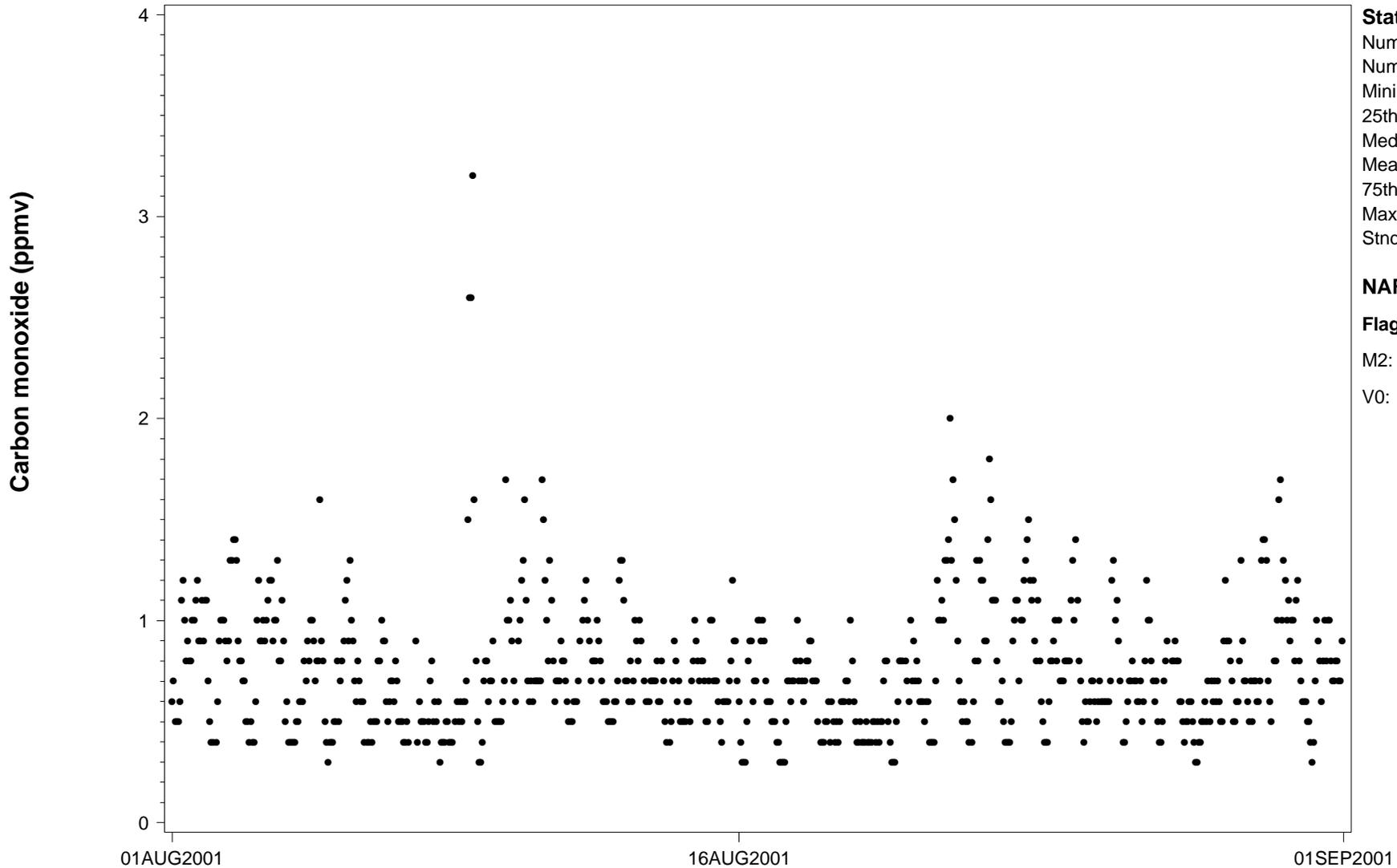
Flag: NARSTO	Description
H1	Historical data that have not been assessed or validated
M1	Missing value because no value is available
M2	Missing value because invalidated by data originator
V0	Valid value
V1	Valid value but comprised wholly or partially of below detection limit data
V2	Valid estimated value
V3	Valid interpolated value
V4	Valid value despite failing to meet some QC or statistical criteria
V5	Valid value but qualified because of possible contamination (e.g., pollution source, laboratory contamination source)
V6	Valid value but qualified due to non-standard sampling conditions (e.g., instrument malfunction, sample handling)
V7	Valid value but set equal to the detection limit (DL) because the measured value was below the DL

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **18**  
 Minimum: **0.3**  
 25th Percentile: **0.5**  
 Median: **0.7**  
 Mean: **0.746**  
 75th Percentile: **0.9**  
 Maximum: **3.2**  
 Stnd Dev.: **0.311**

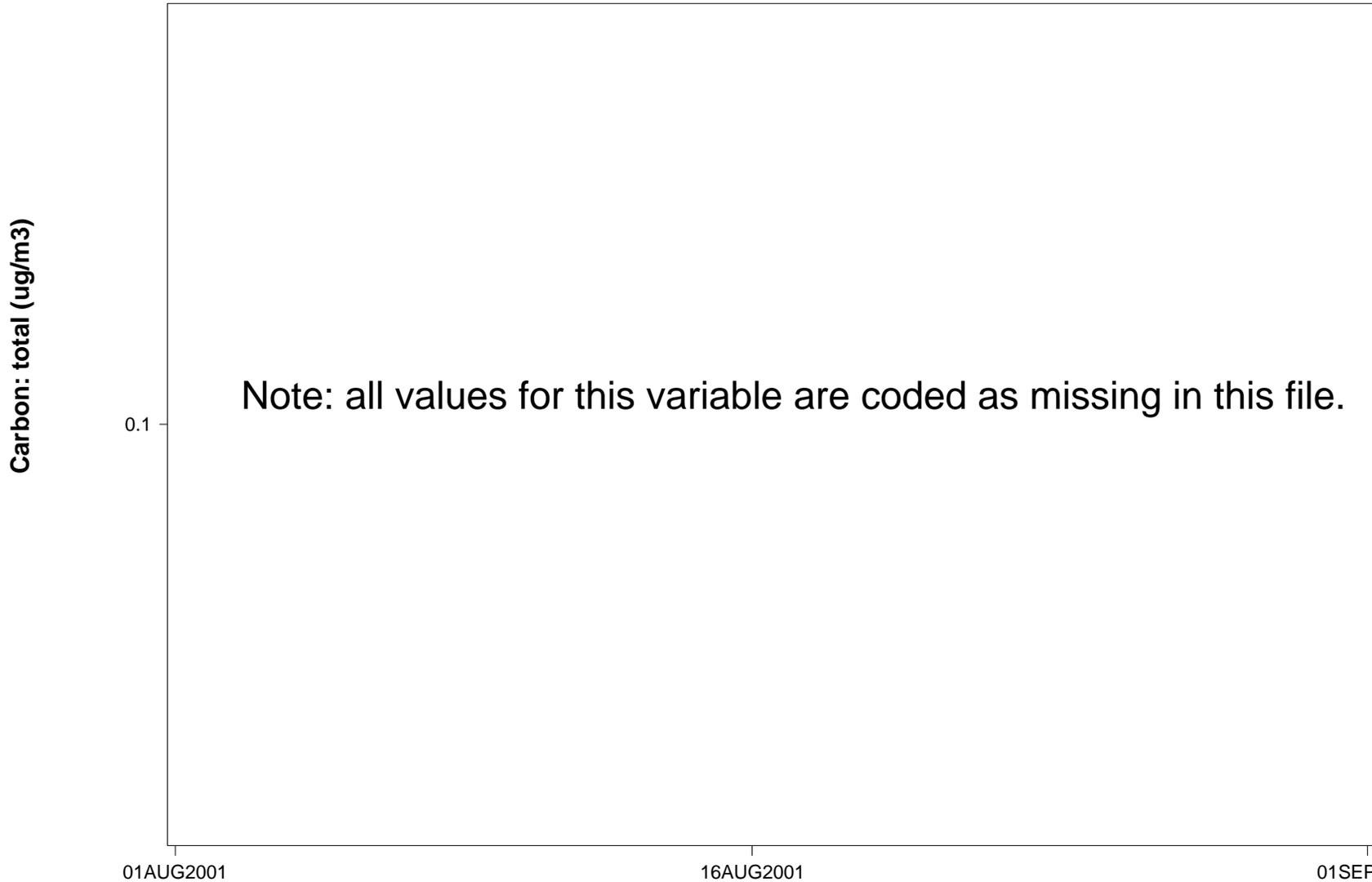
**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **18**  
 V0: ● **726**

Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

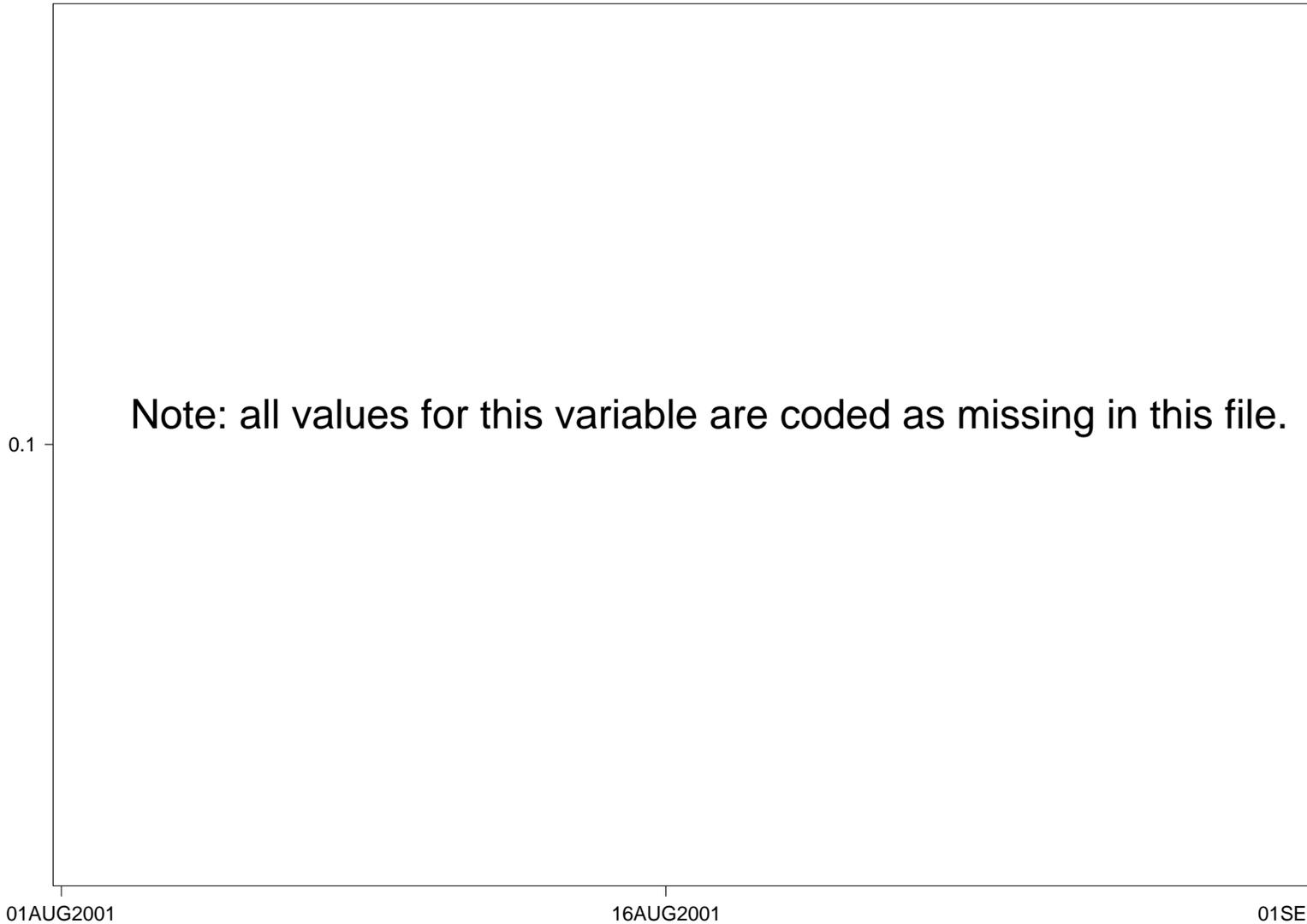
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

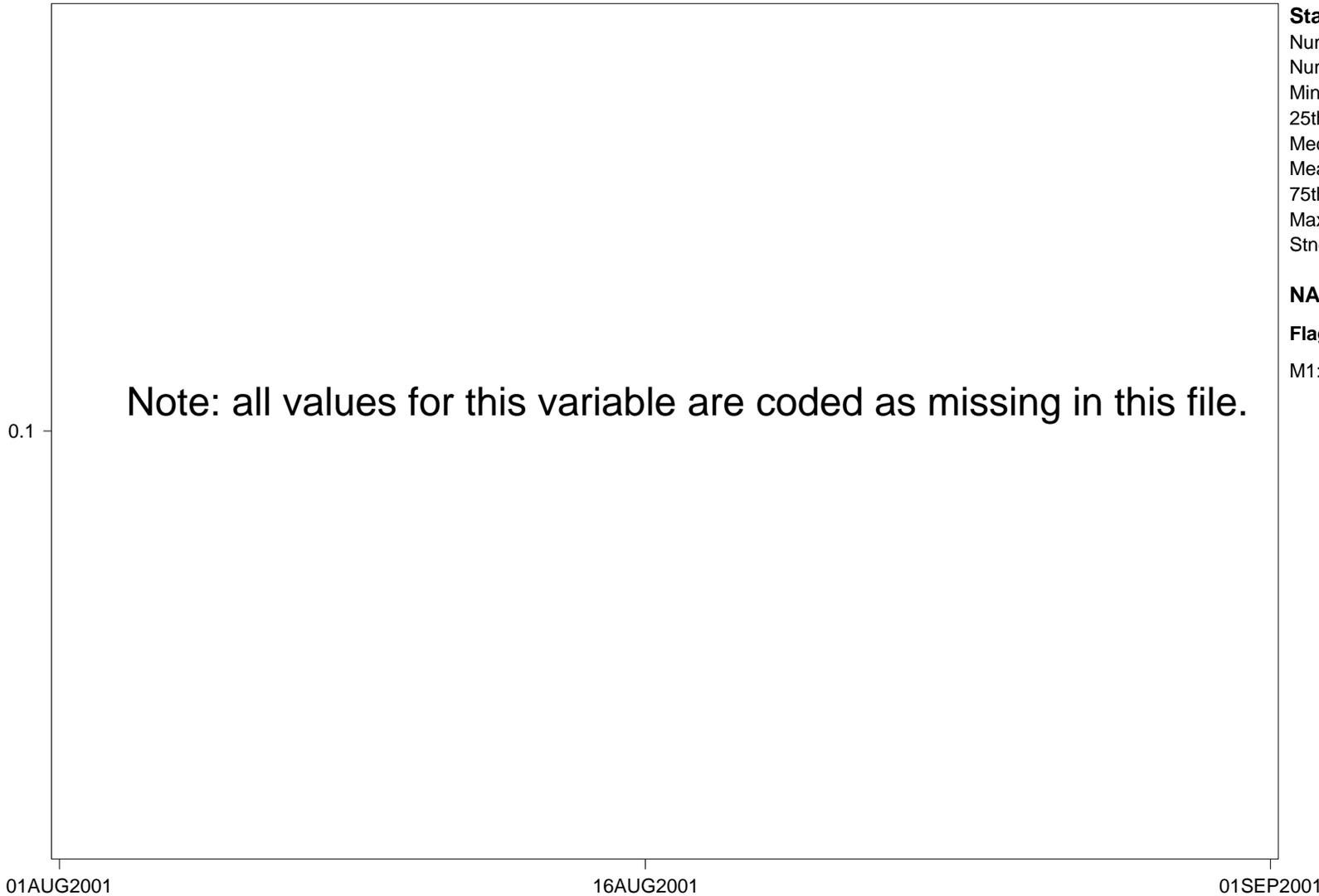
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

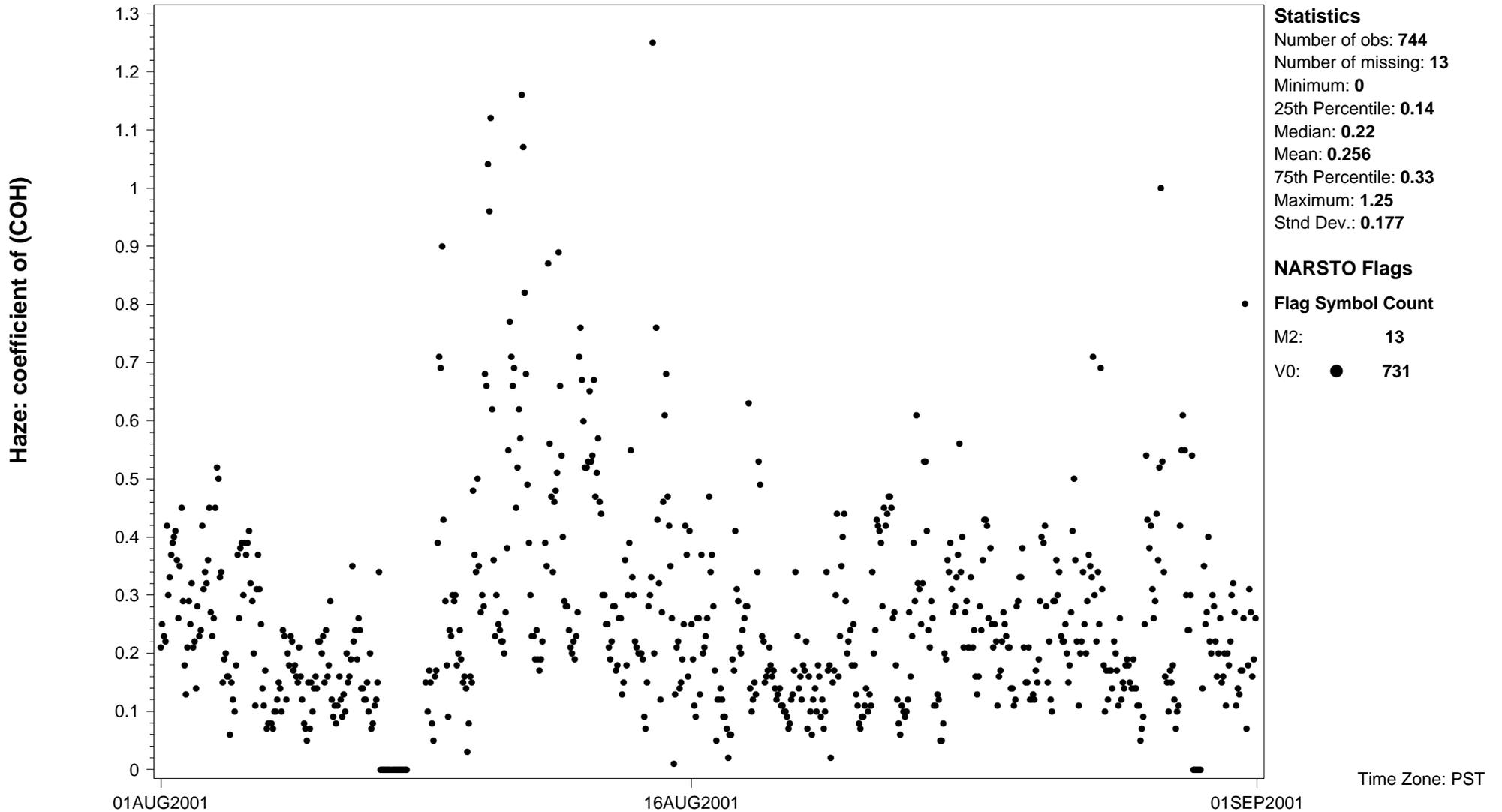
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

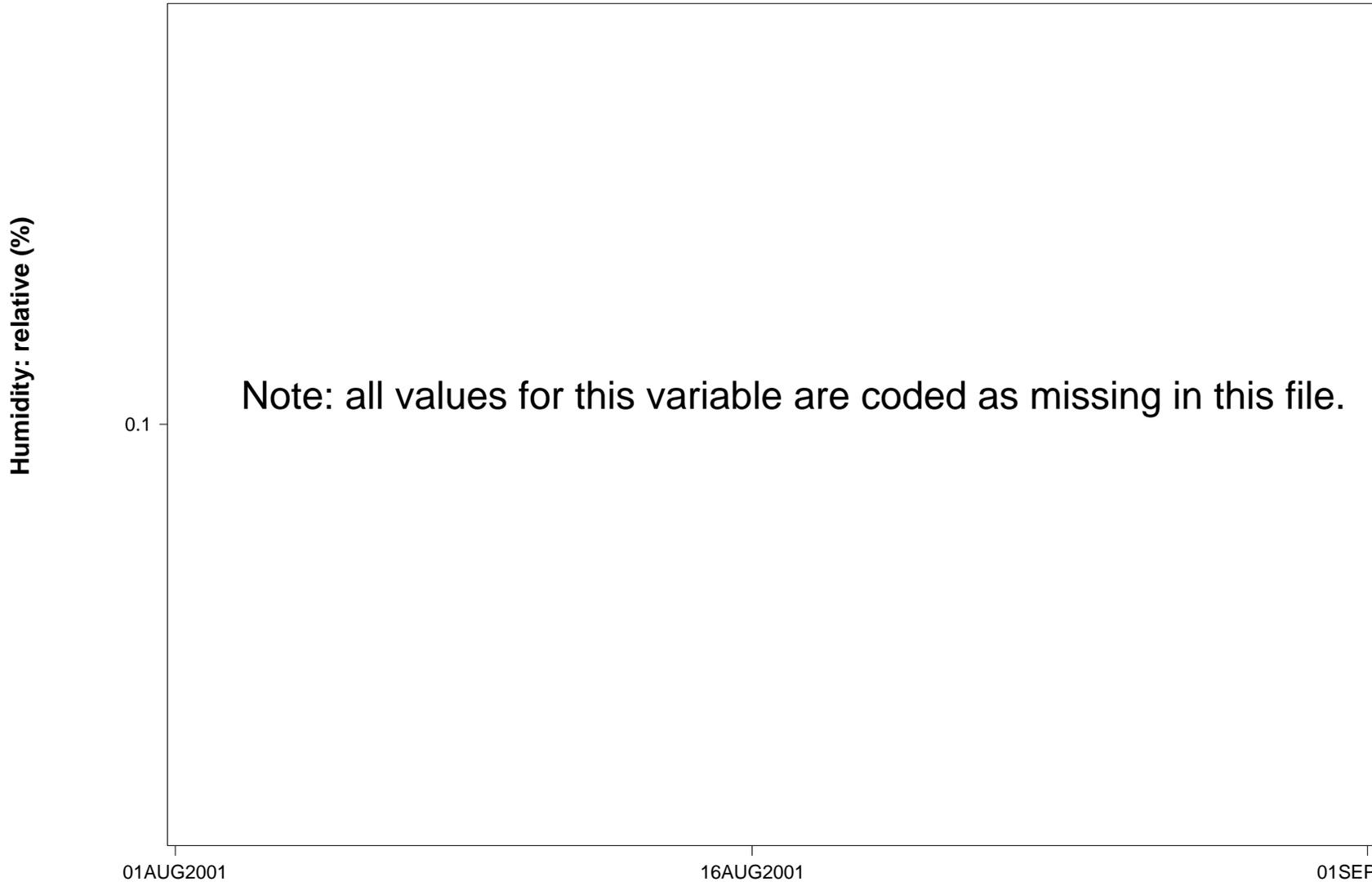
Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**



Site ID: **PC01CABCT001** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

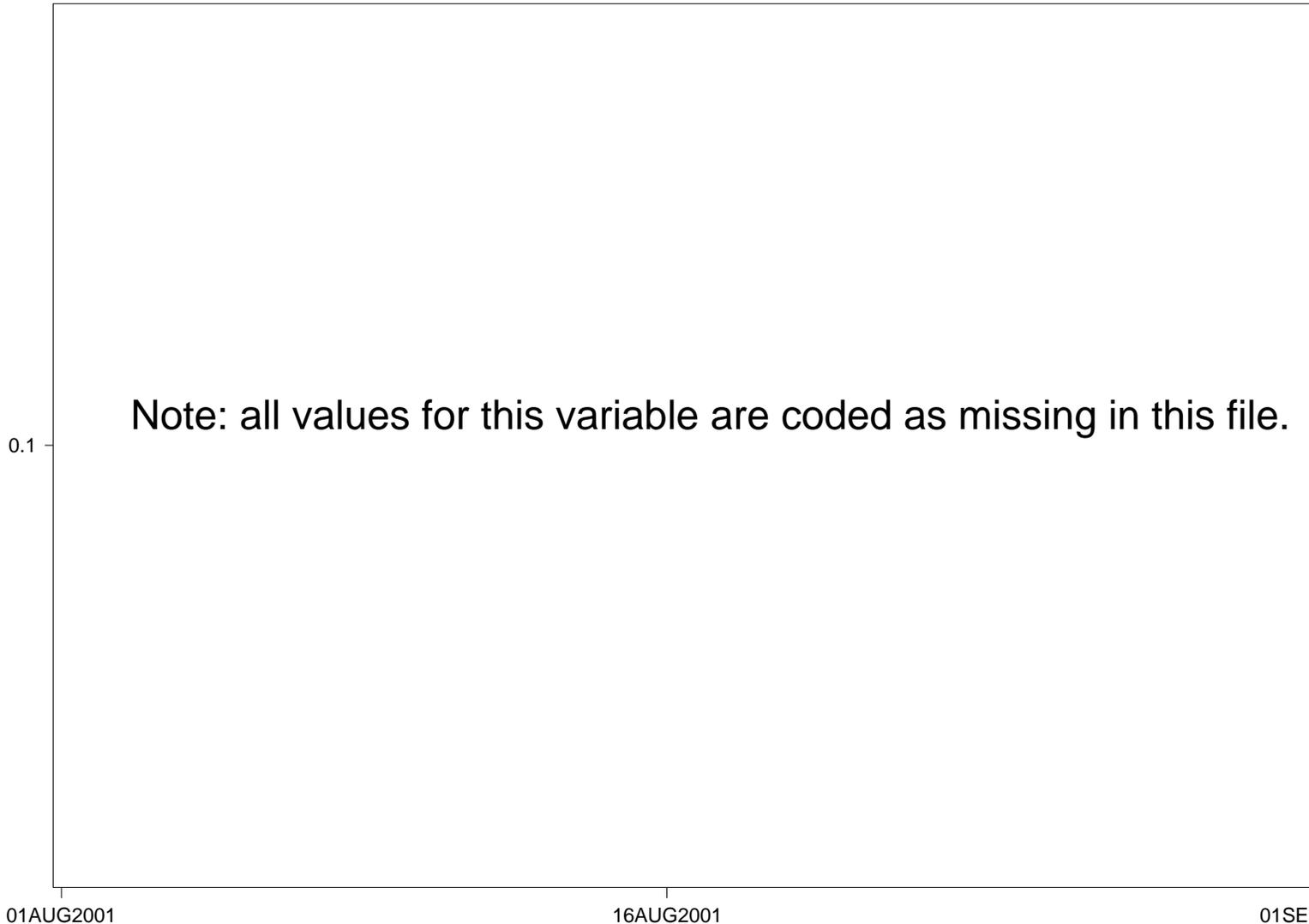
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

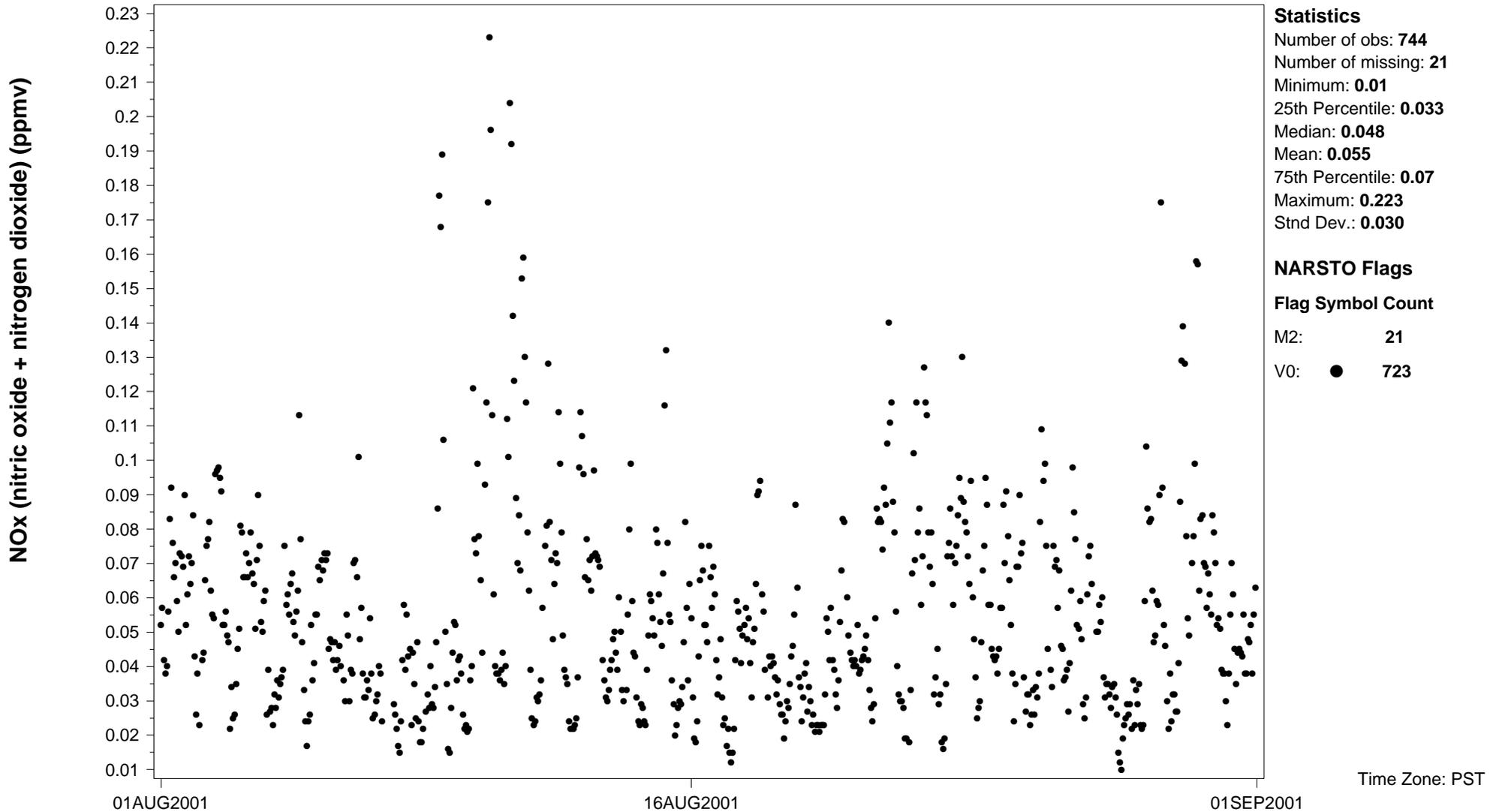
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

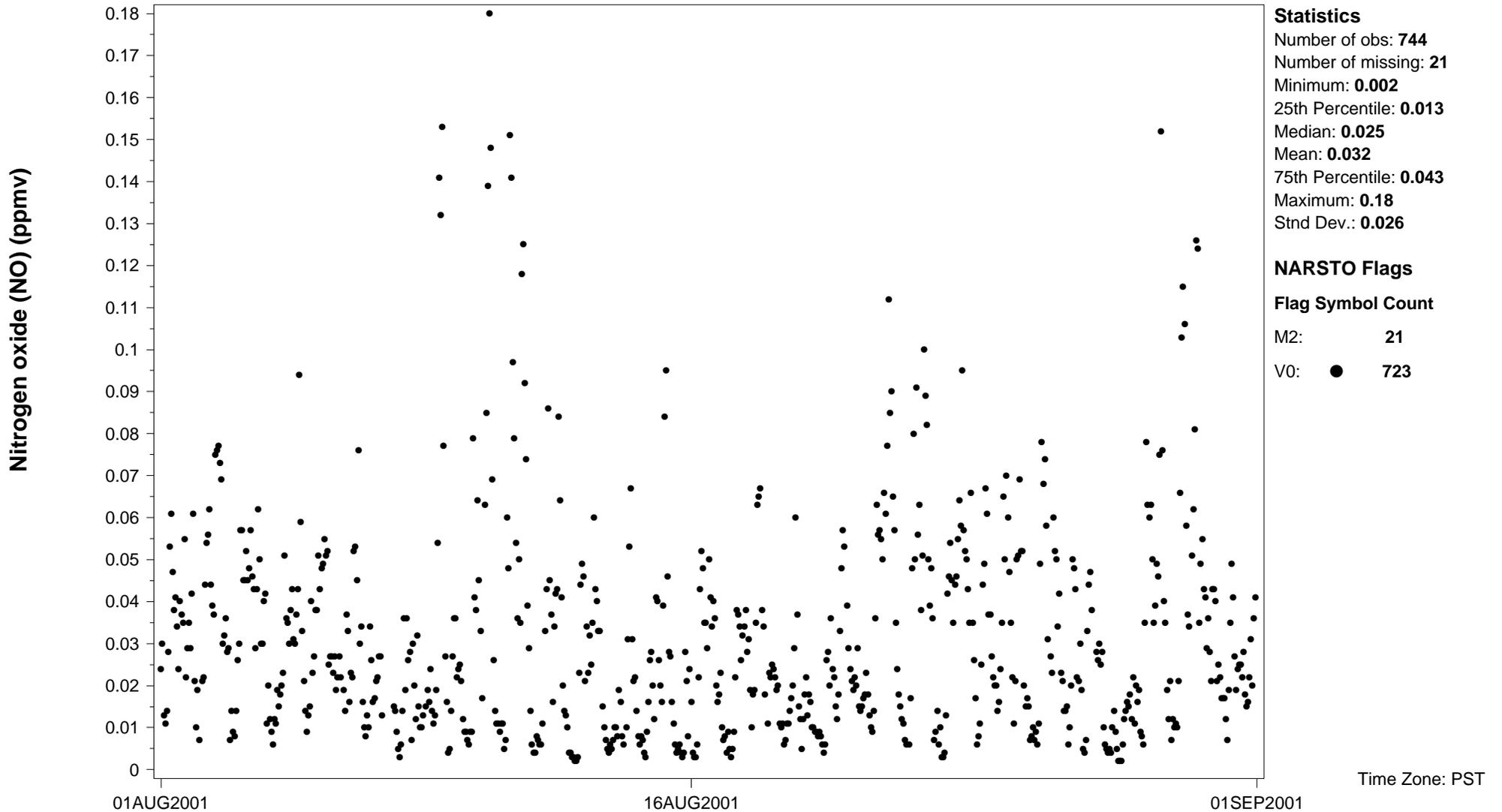


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

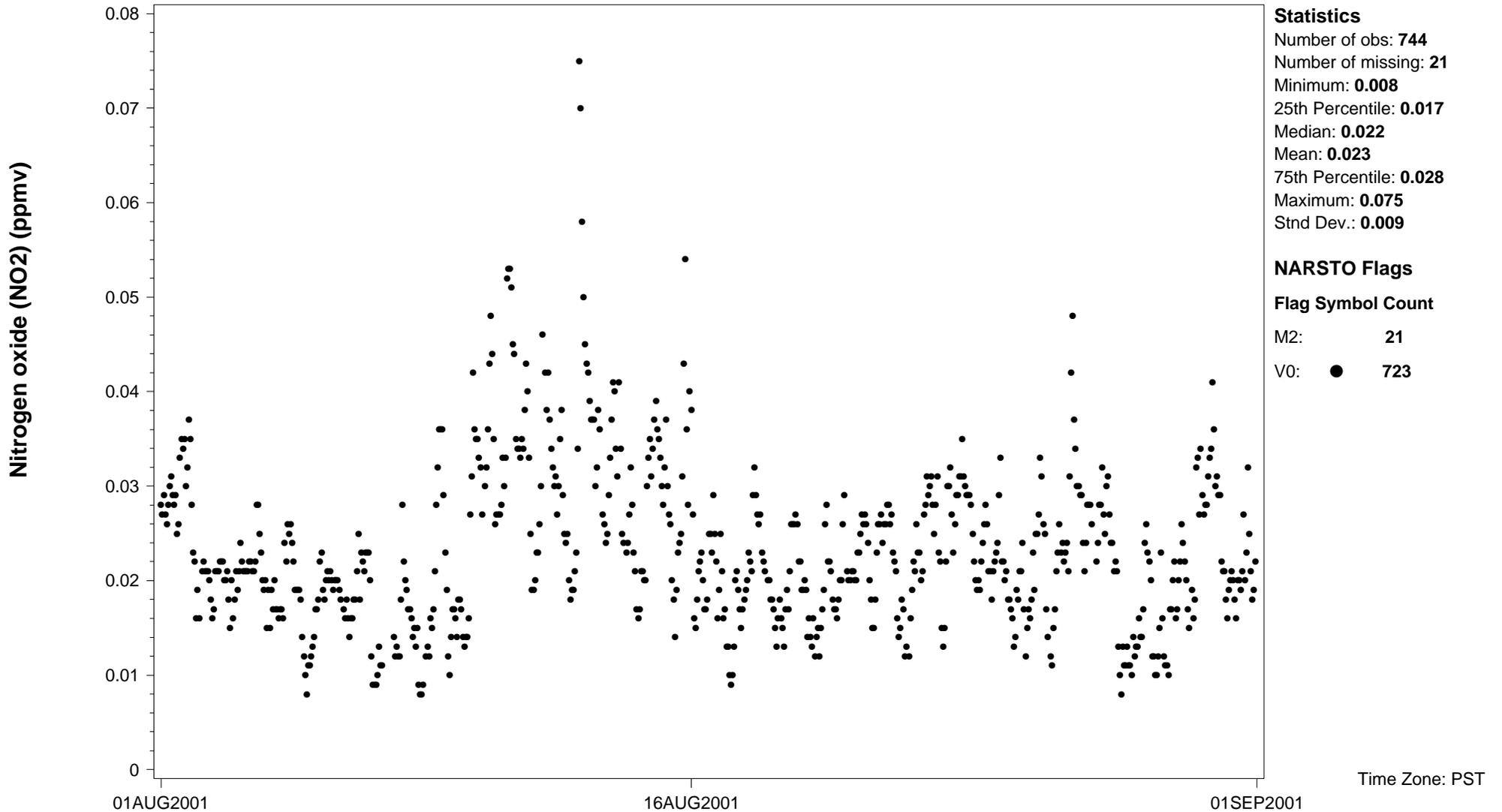


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**



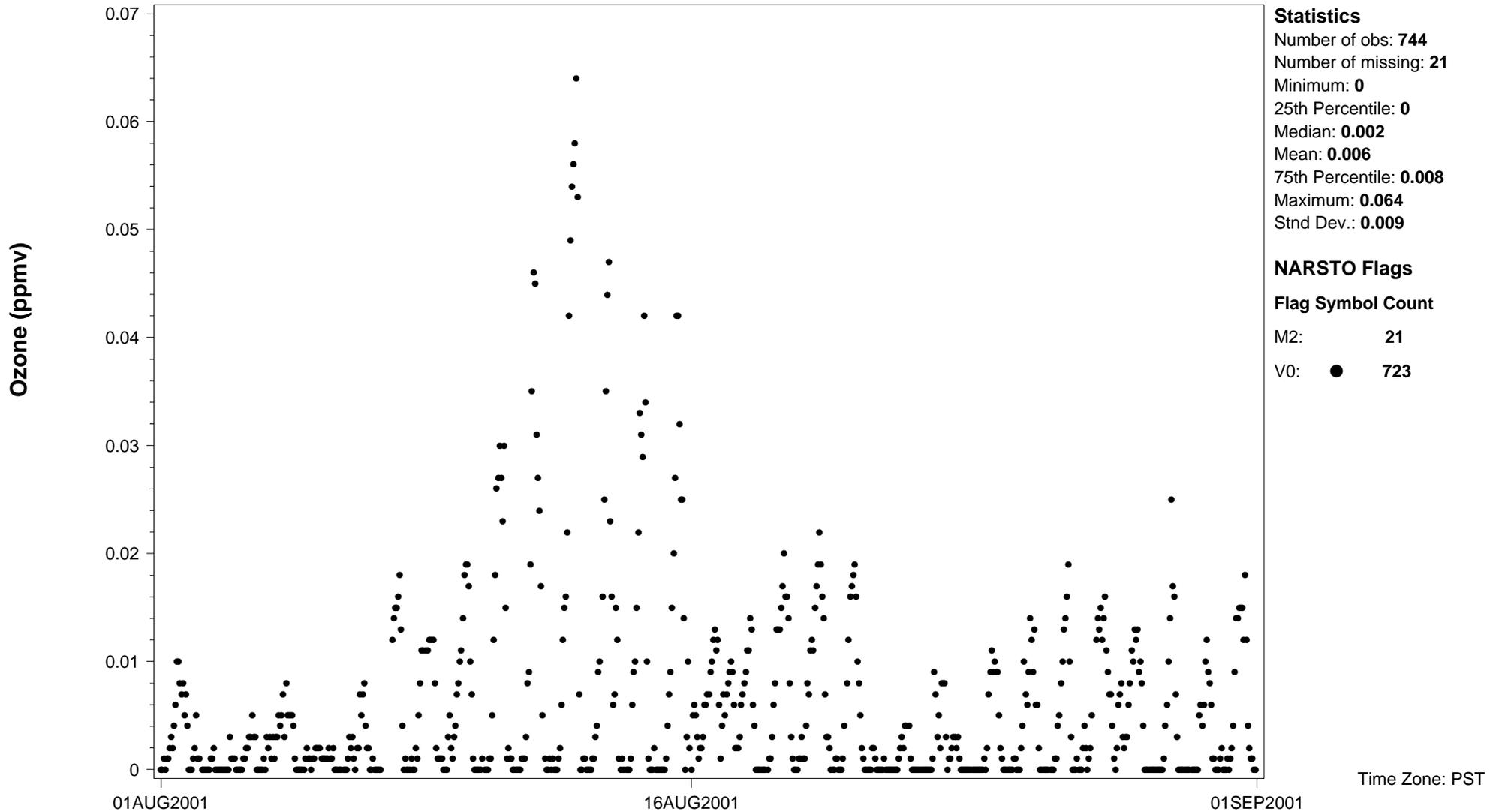
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

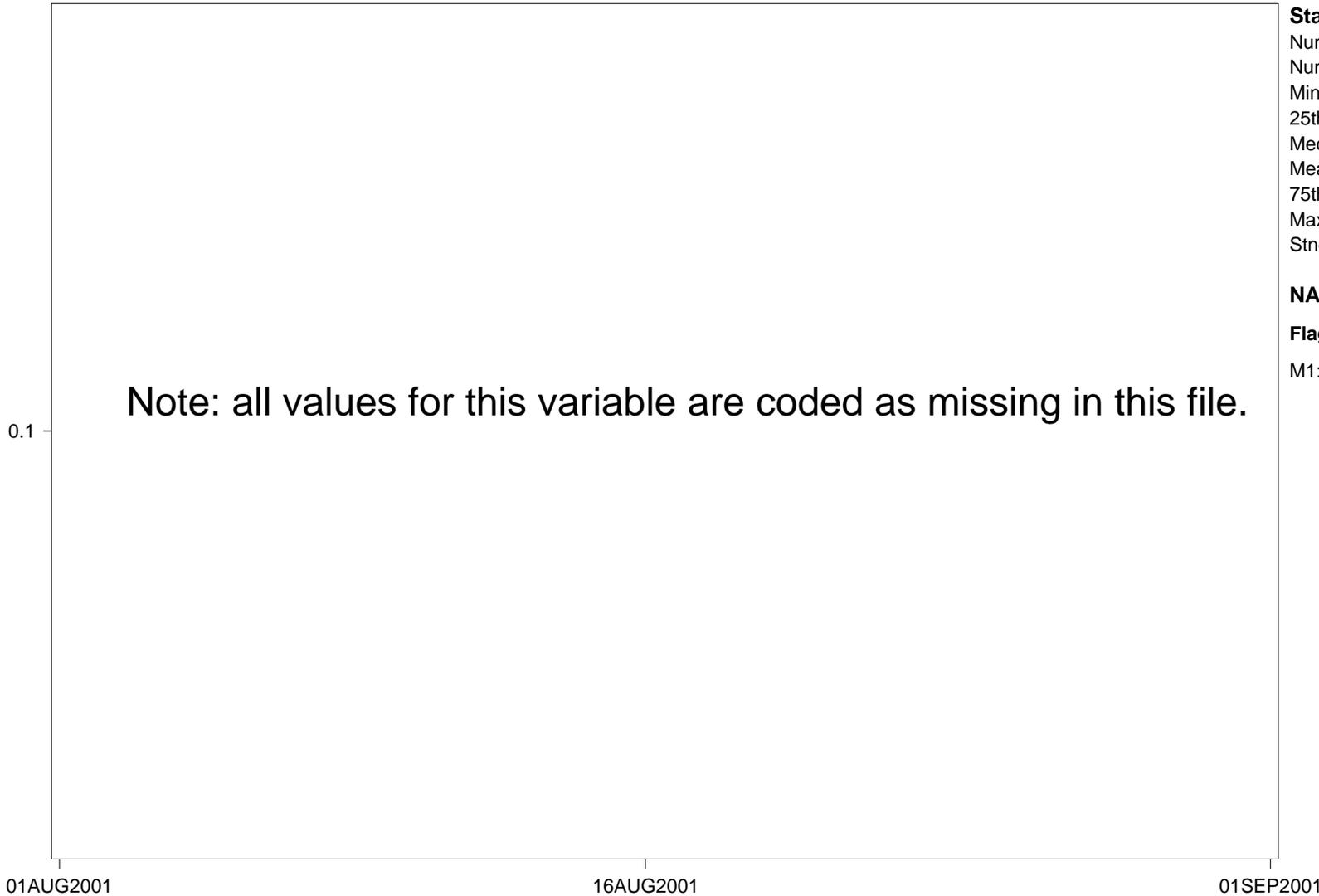


Site ID: **PC01CABCT001** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

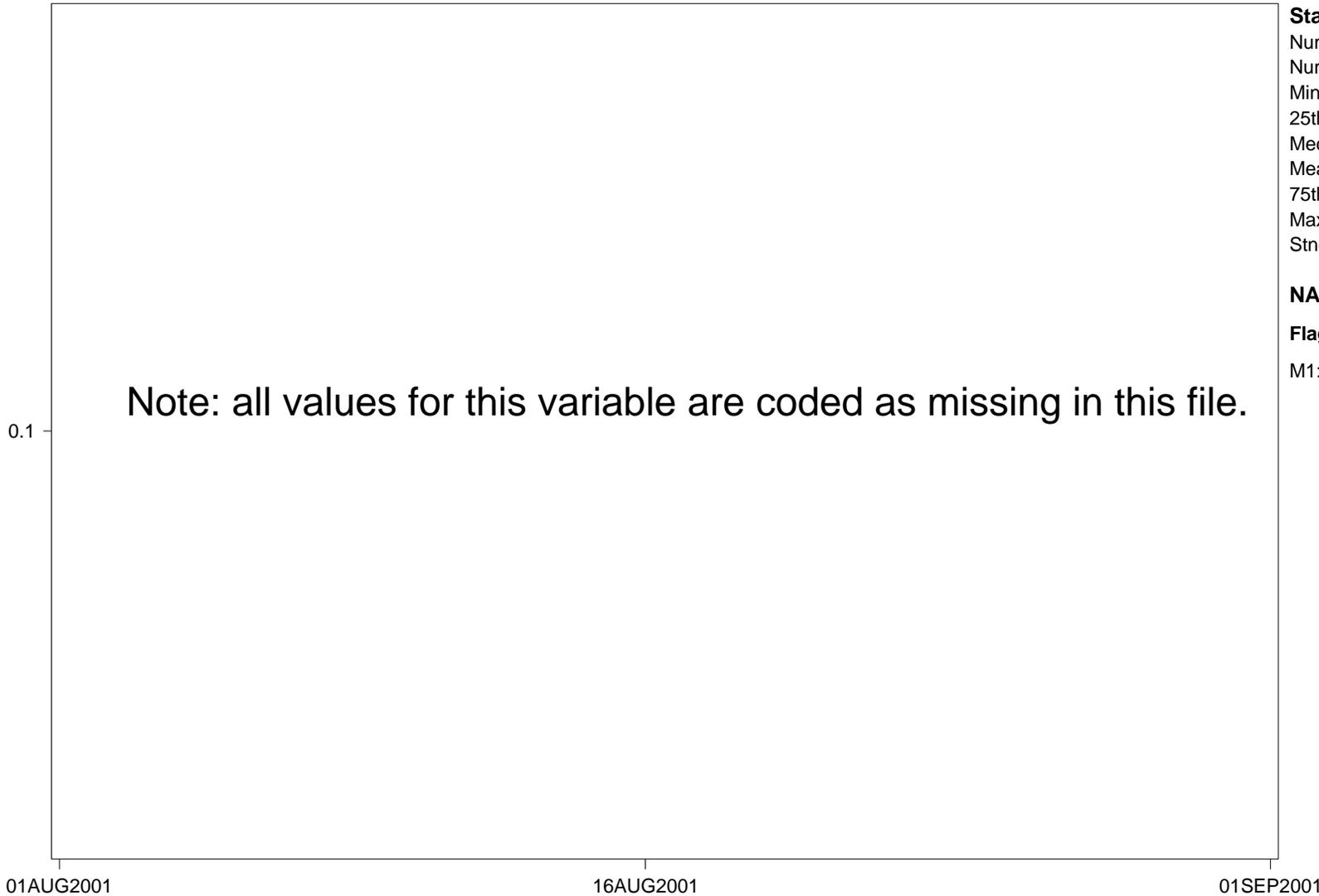
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

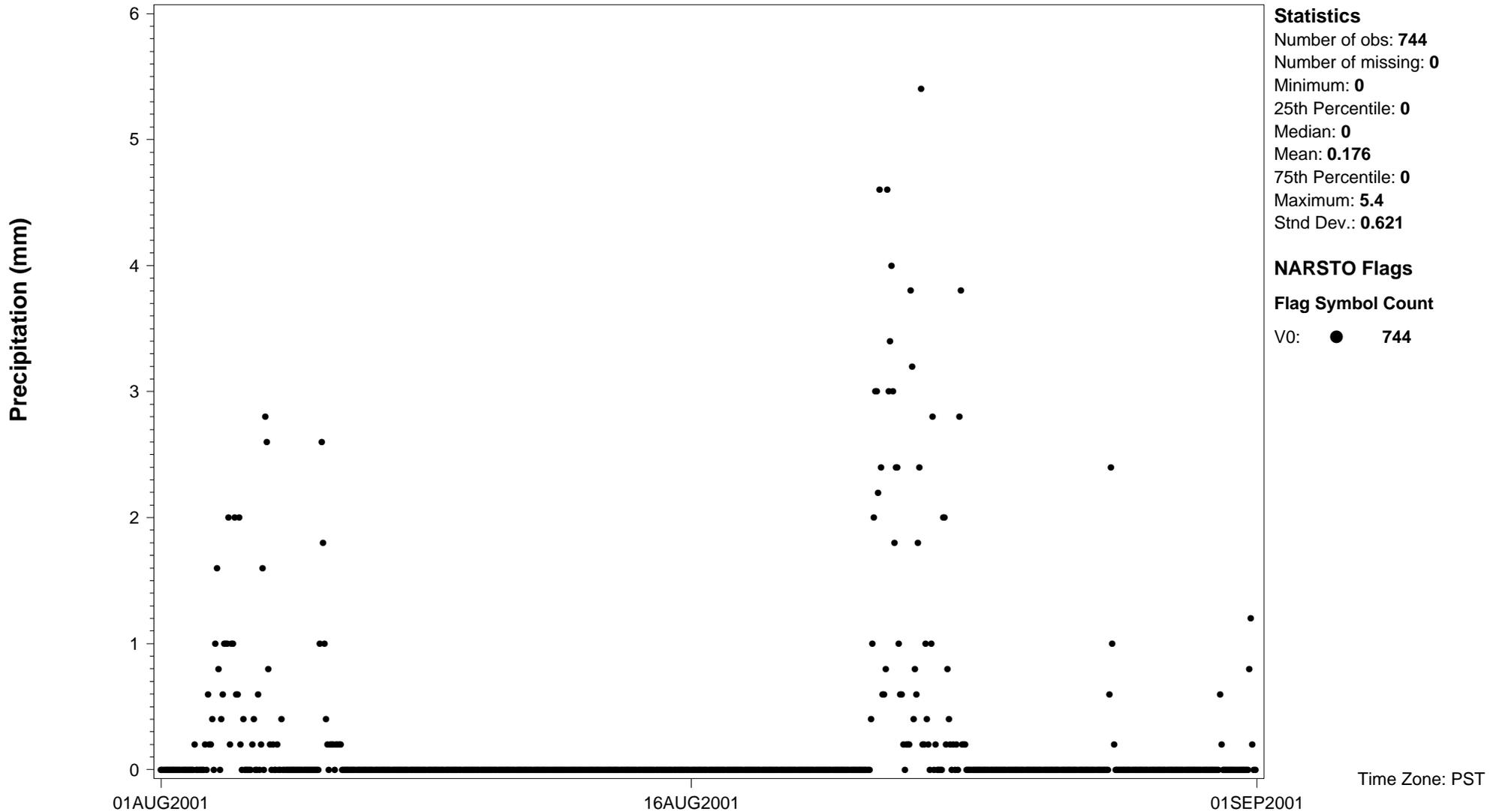
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

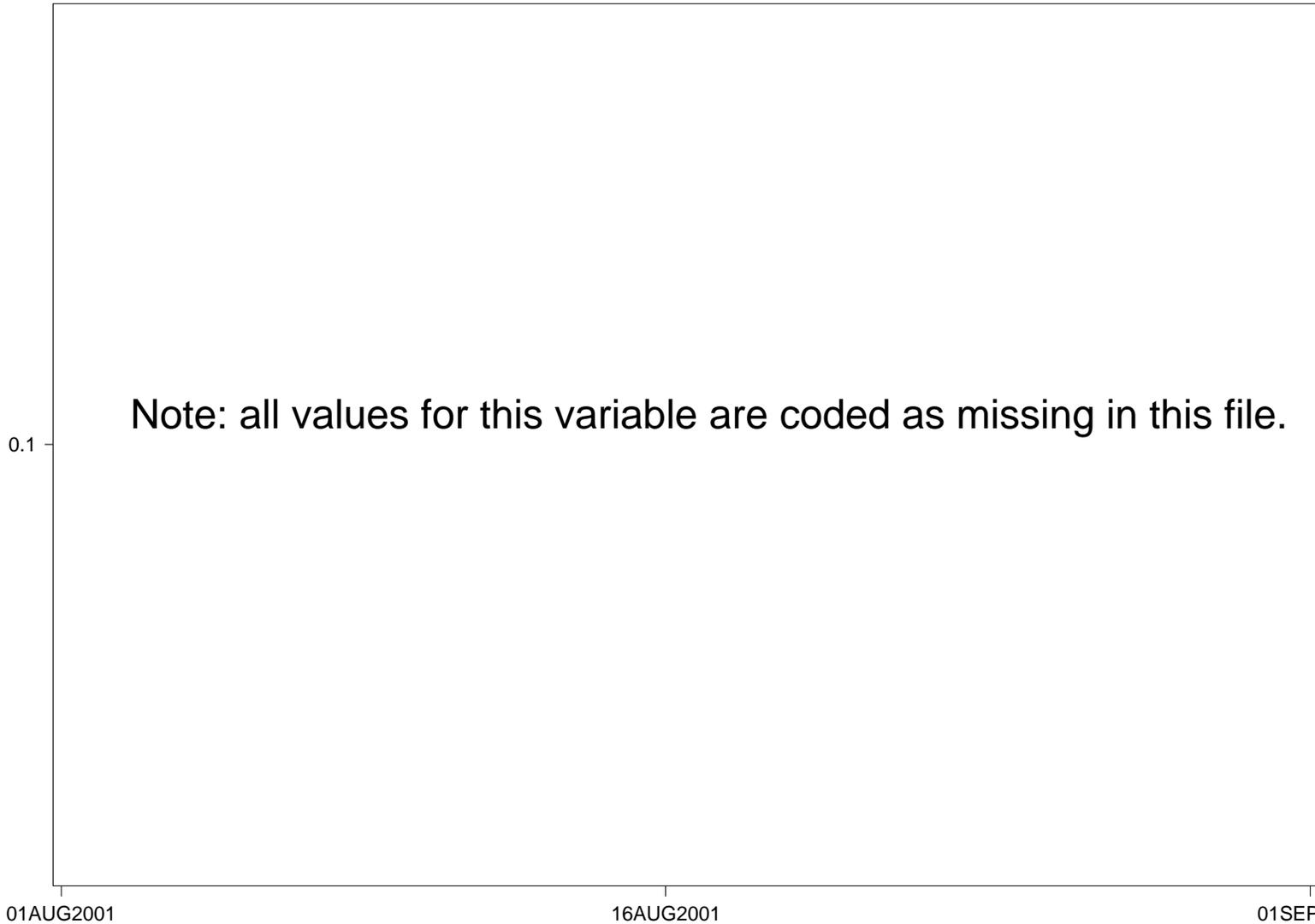


Site ID: **PC01CABCT001** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

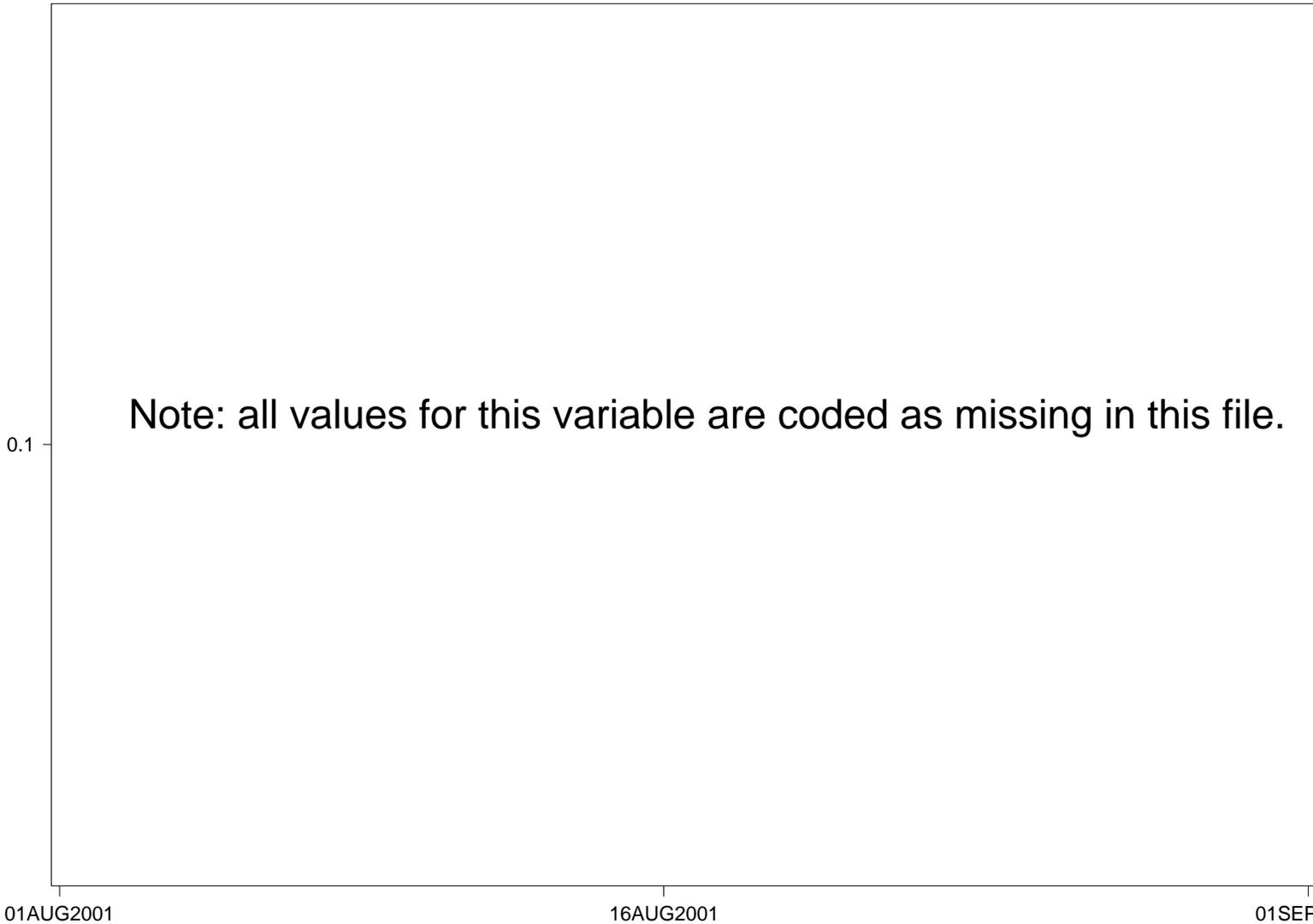
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

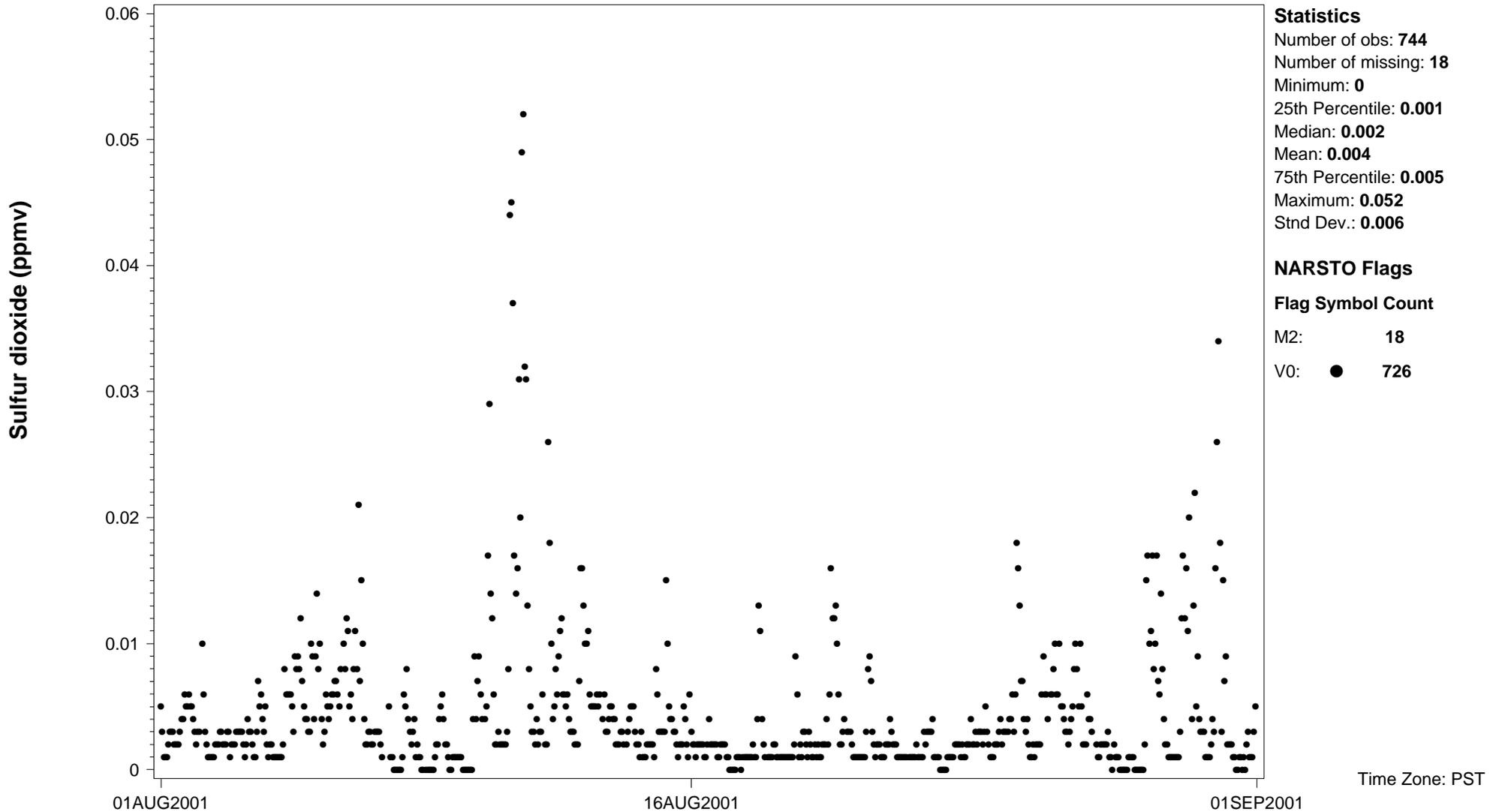
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT001** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

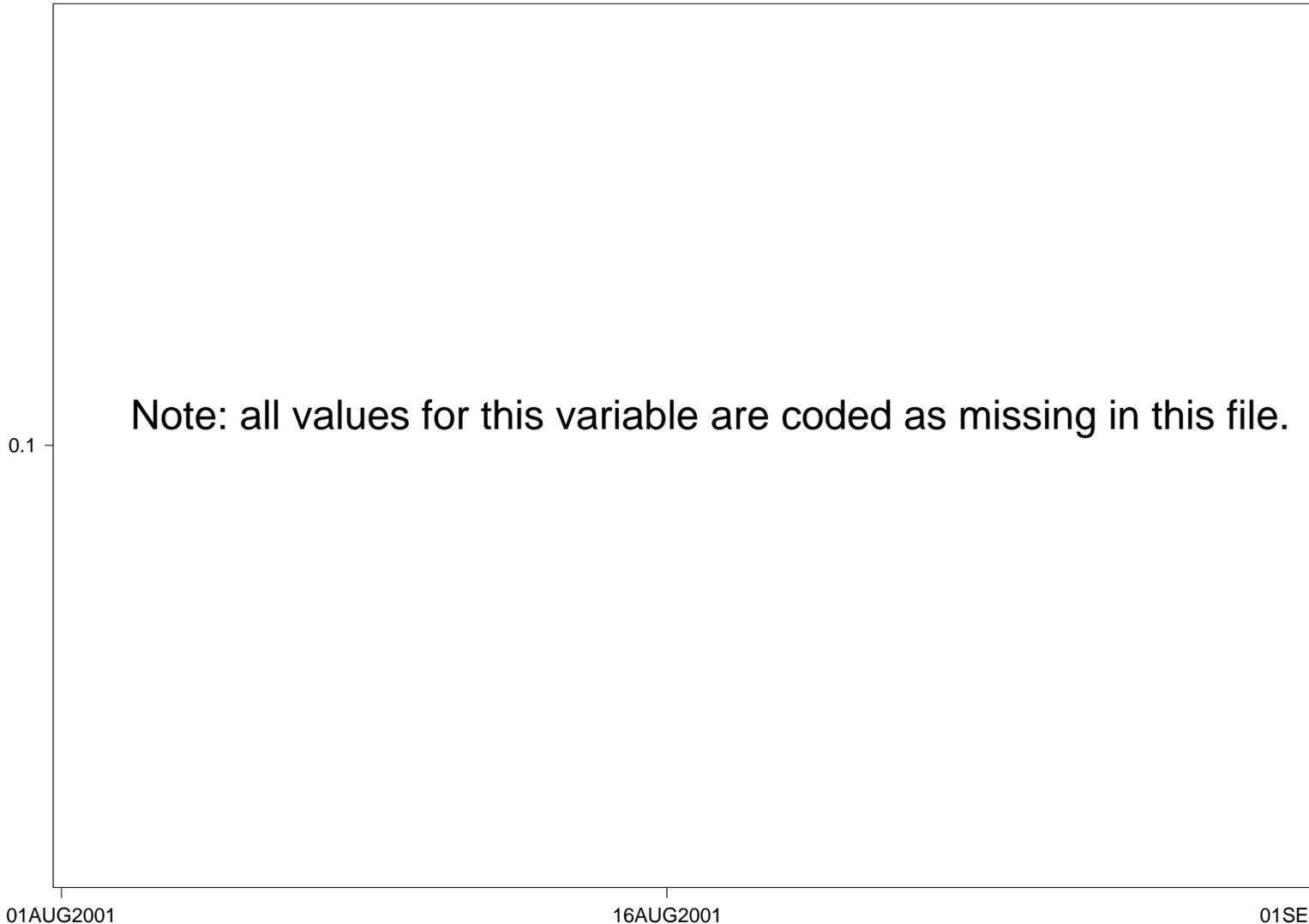


Site ID: **PC01CABCT001** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99!**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

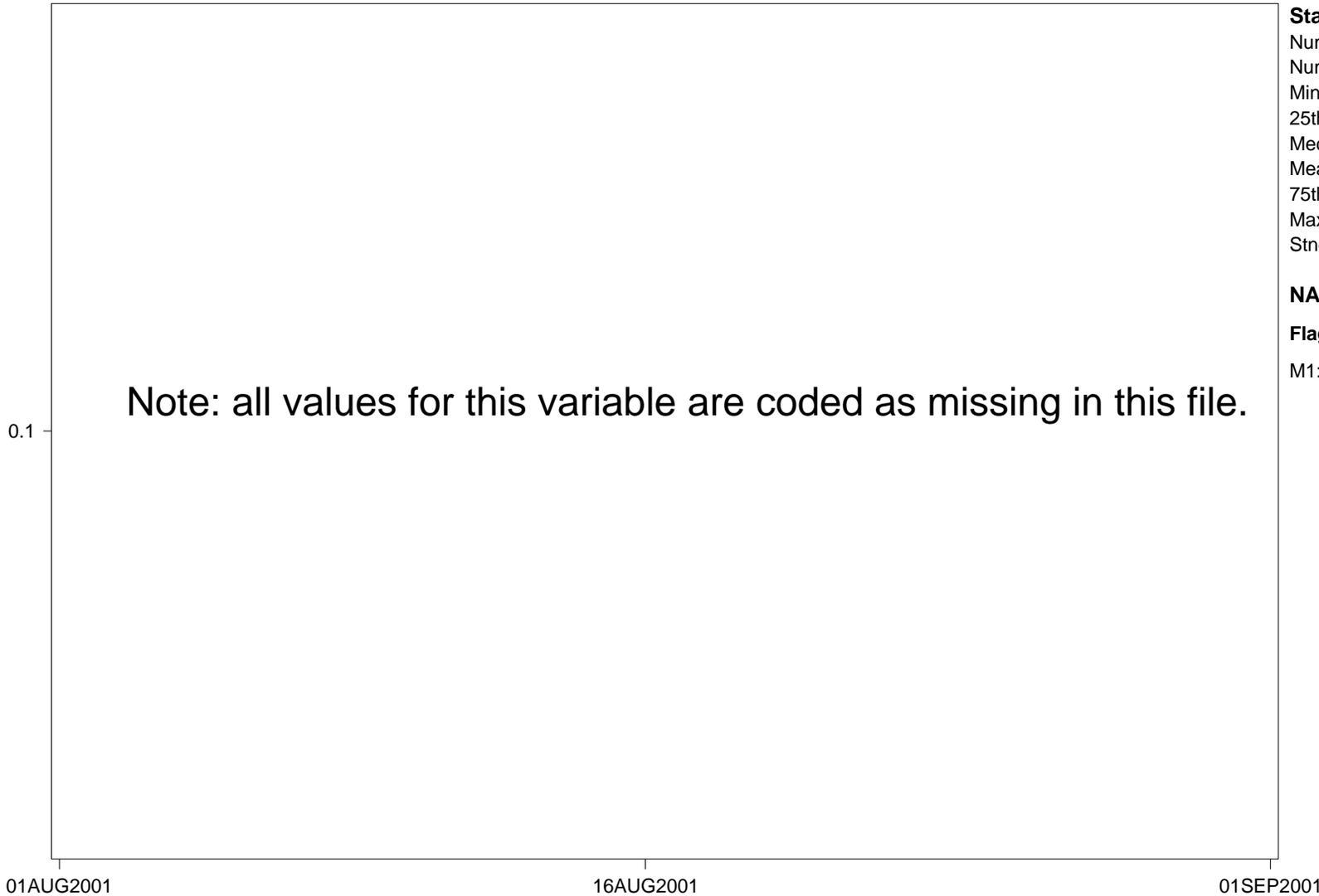
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Temperature: air (deg C)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

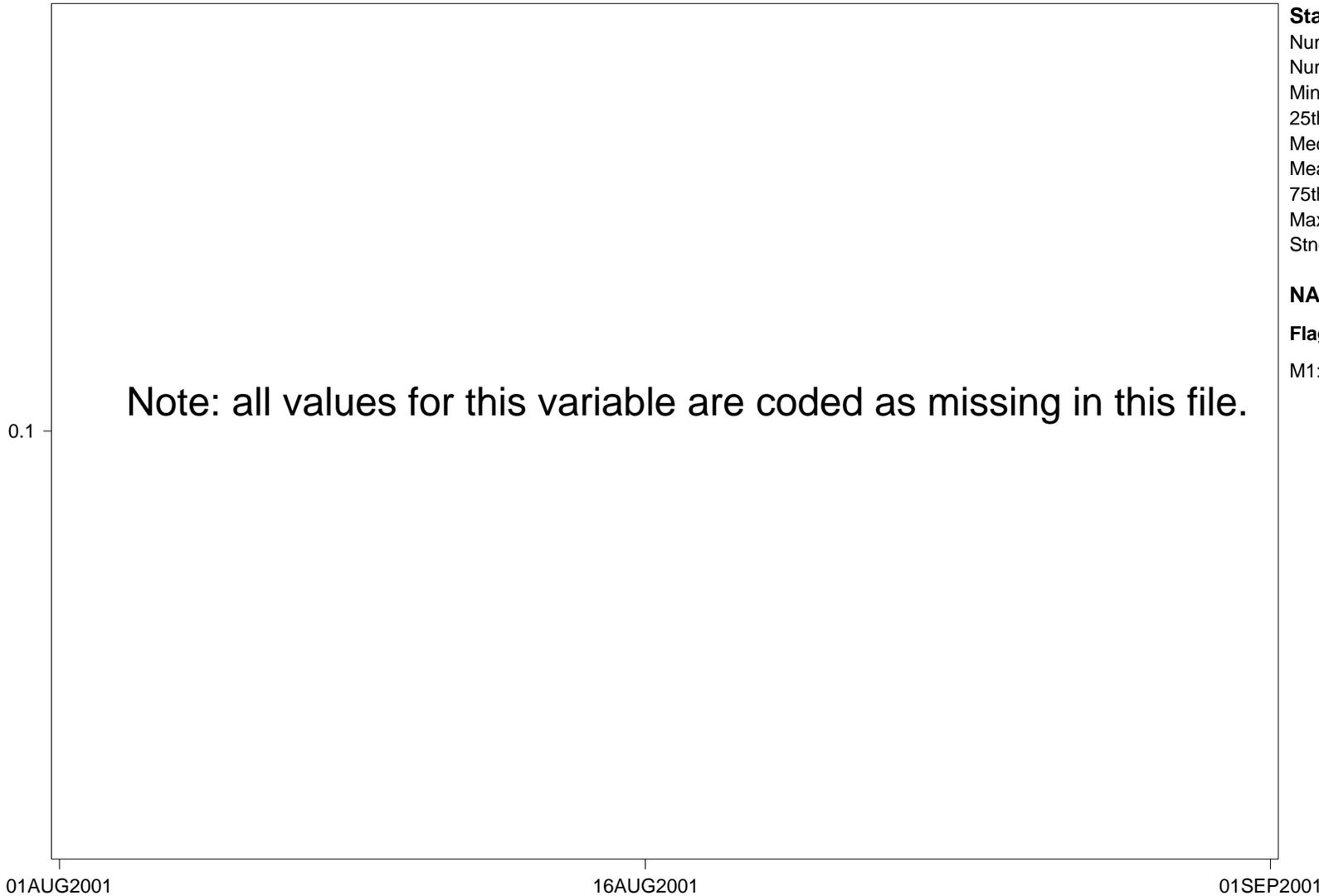
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

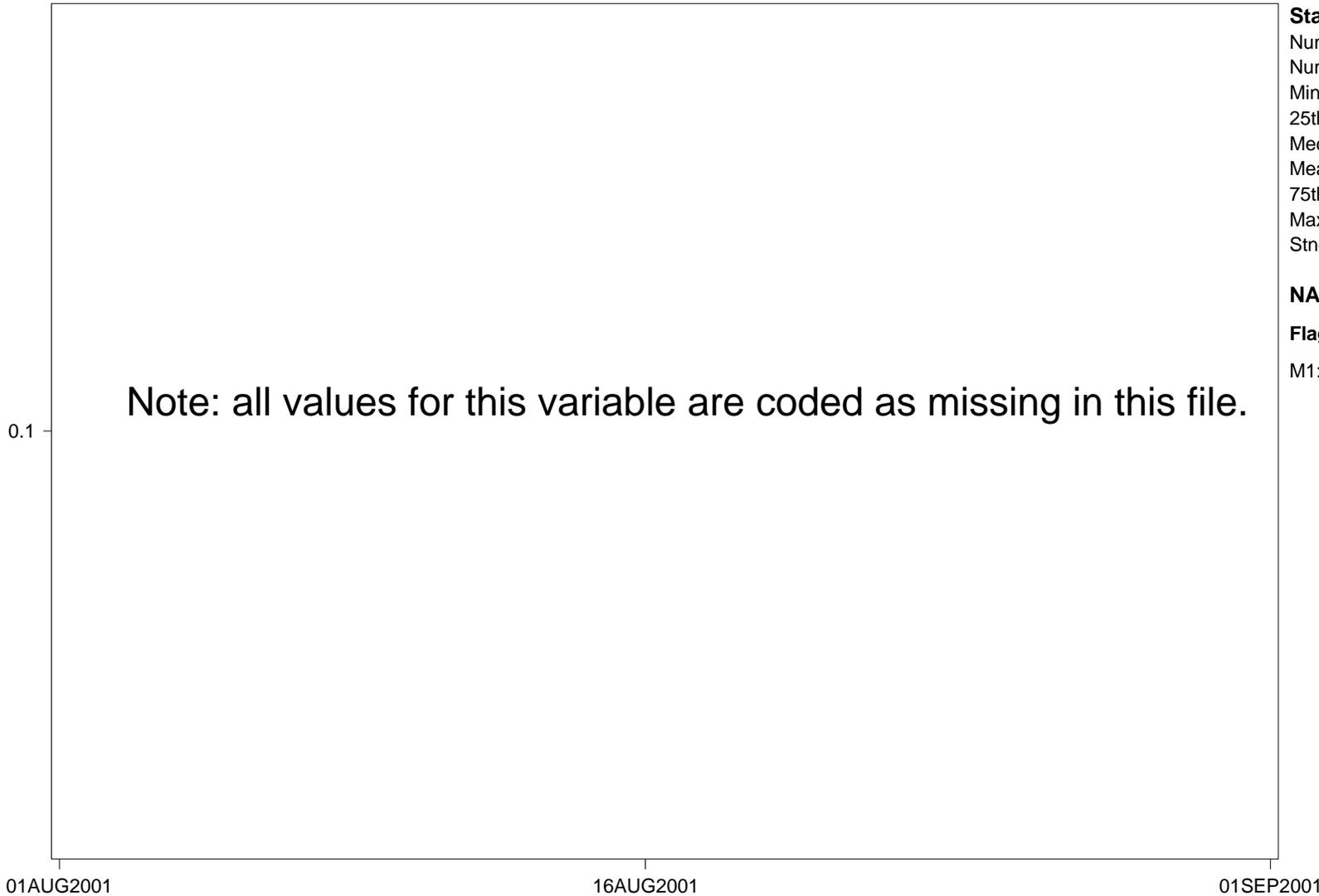
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

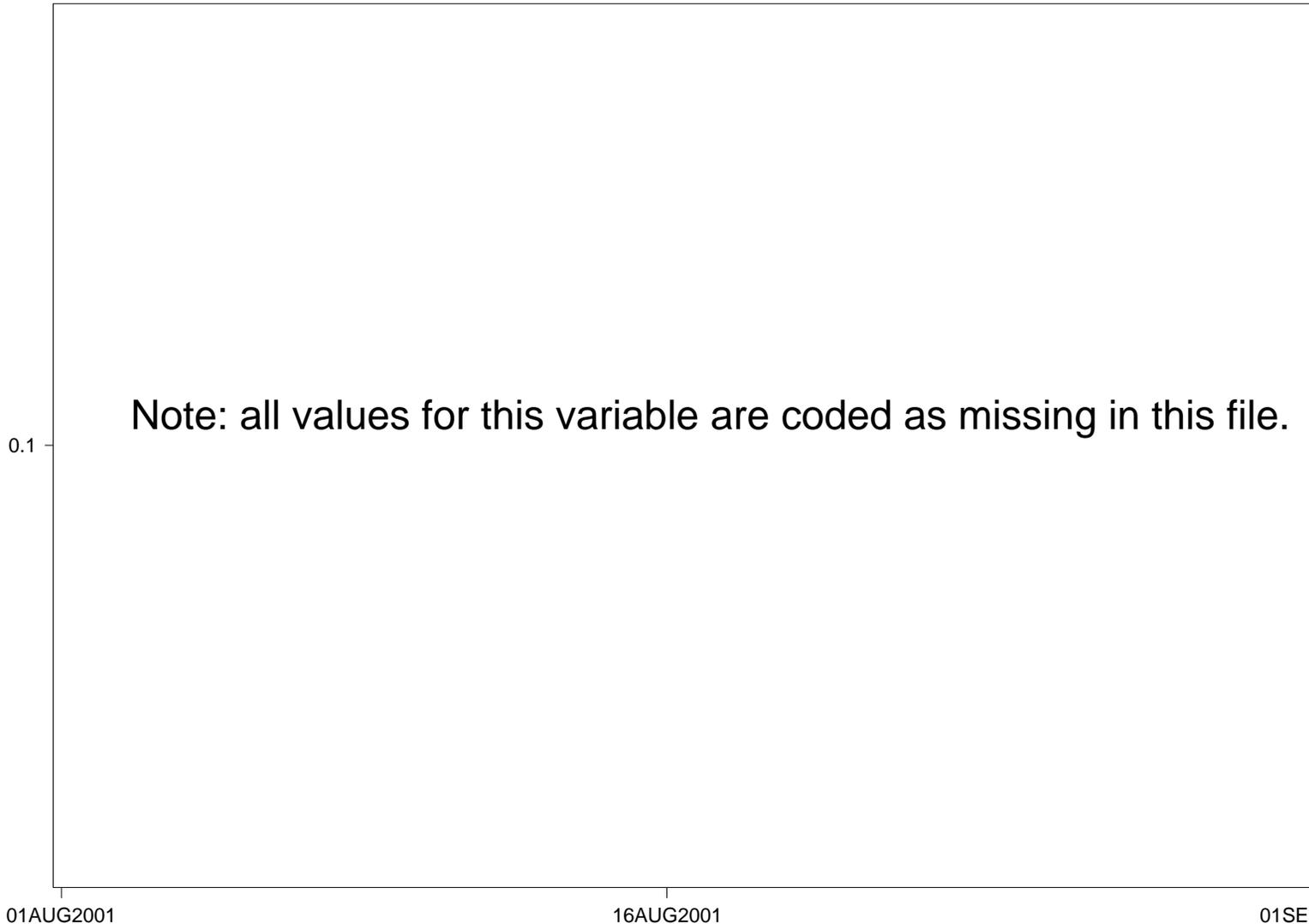
Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Wind speed: horizontal resultant mean vector (m/s)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

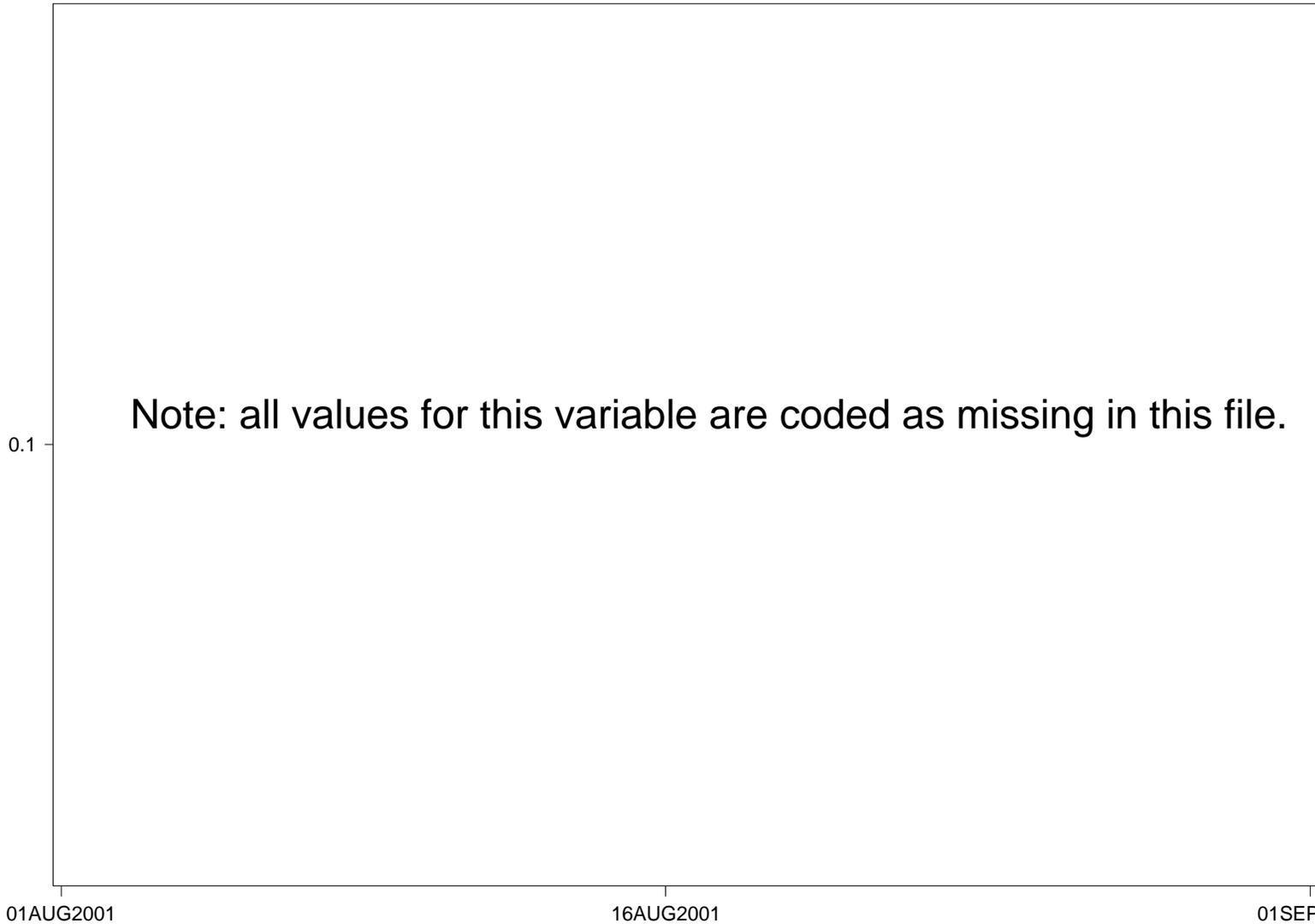
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT001** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROBSON SQUARE - ROBSON AND HORNBY STREET - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **99**

Wind speed: horizontal scalar mean (m/s)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

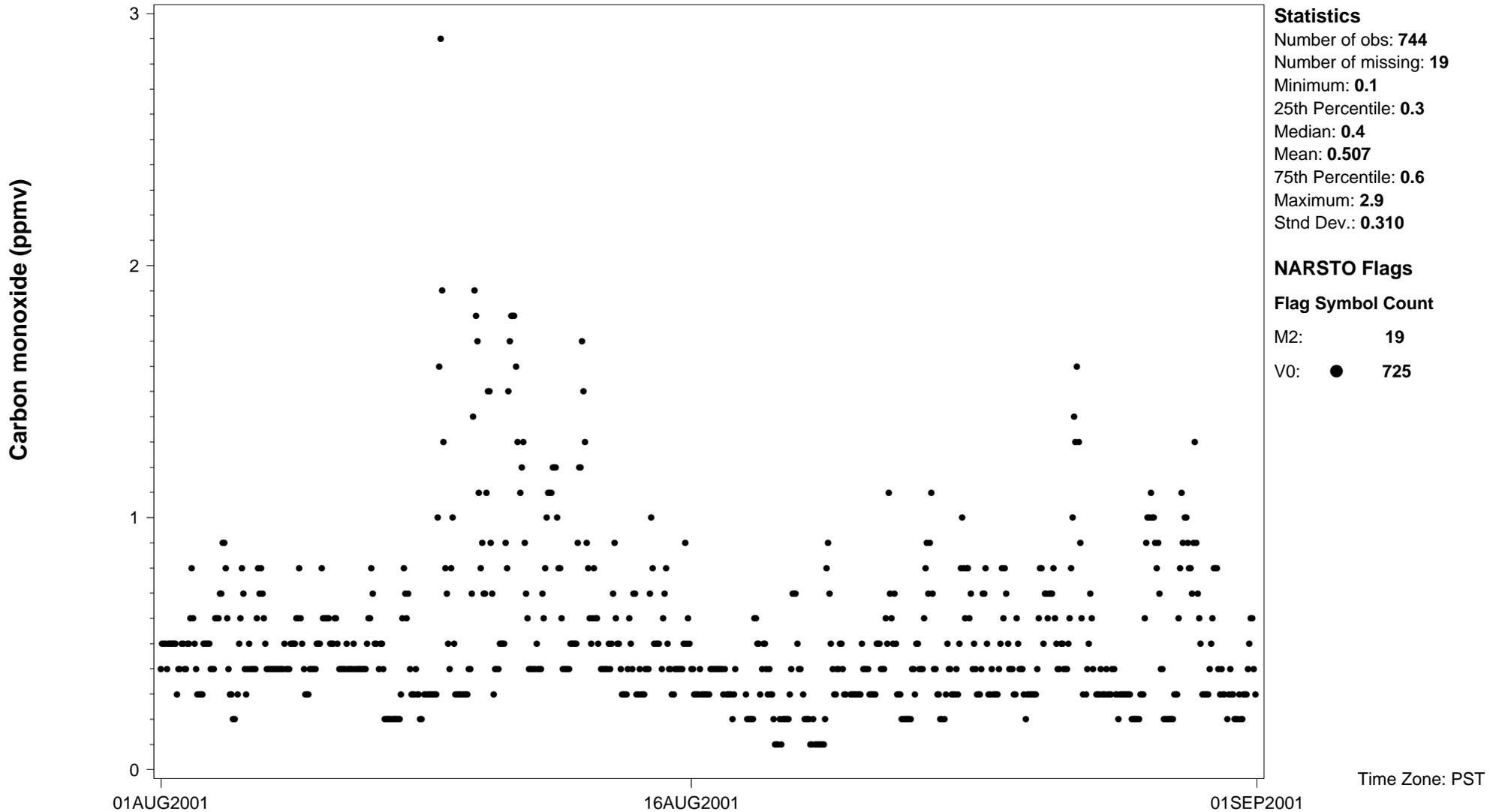
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

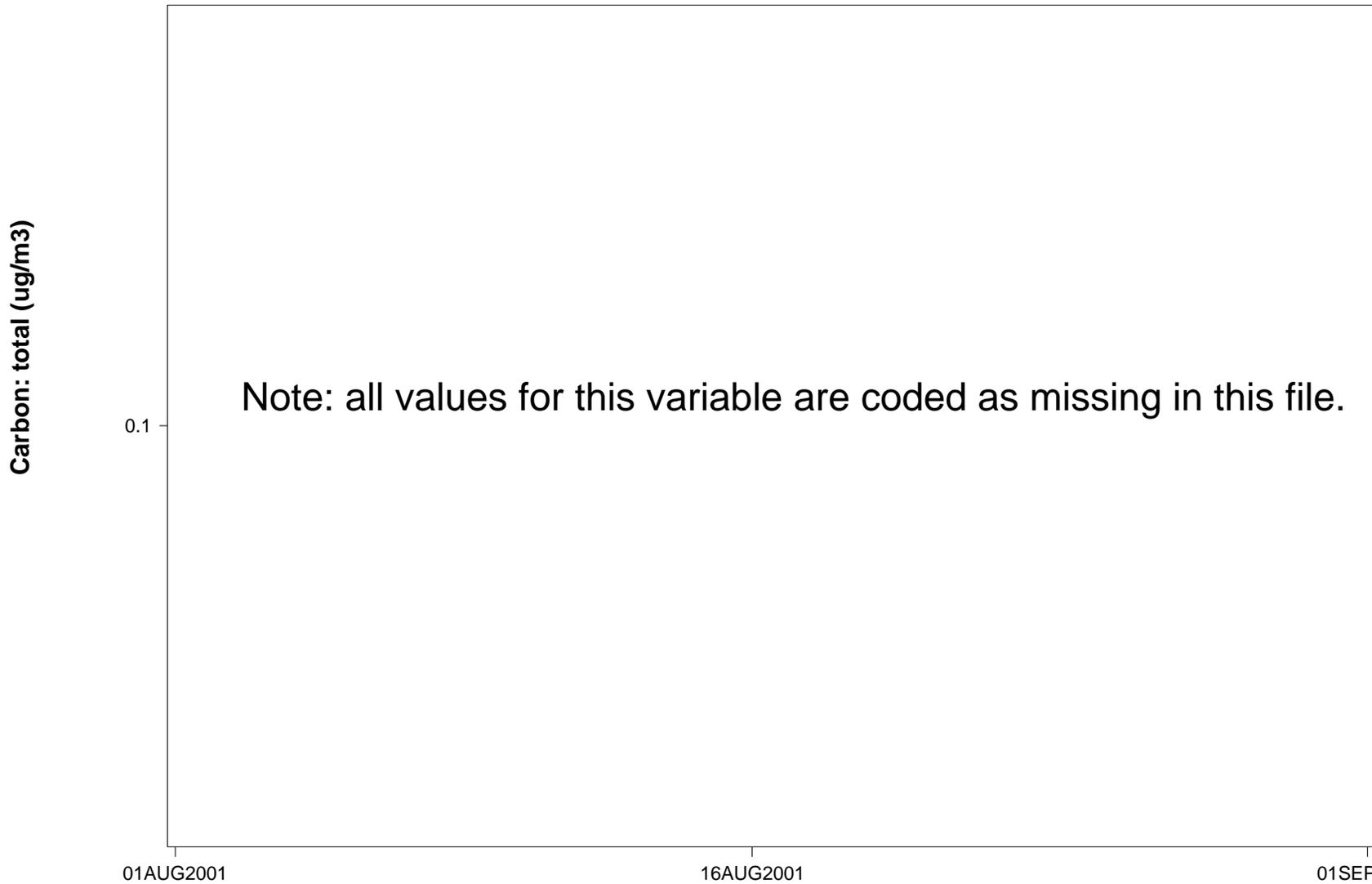
Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT002** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

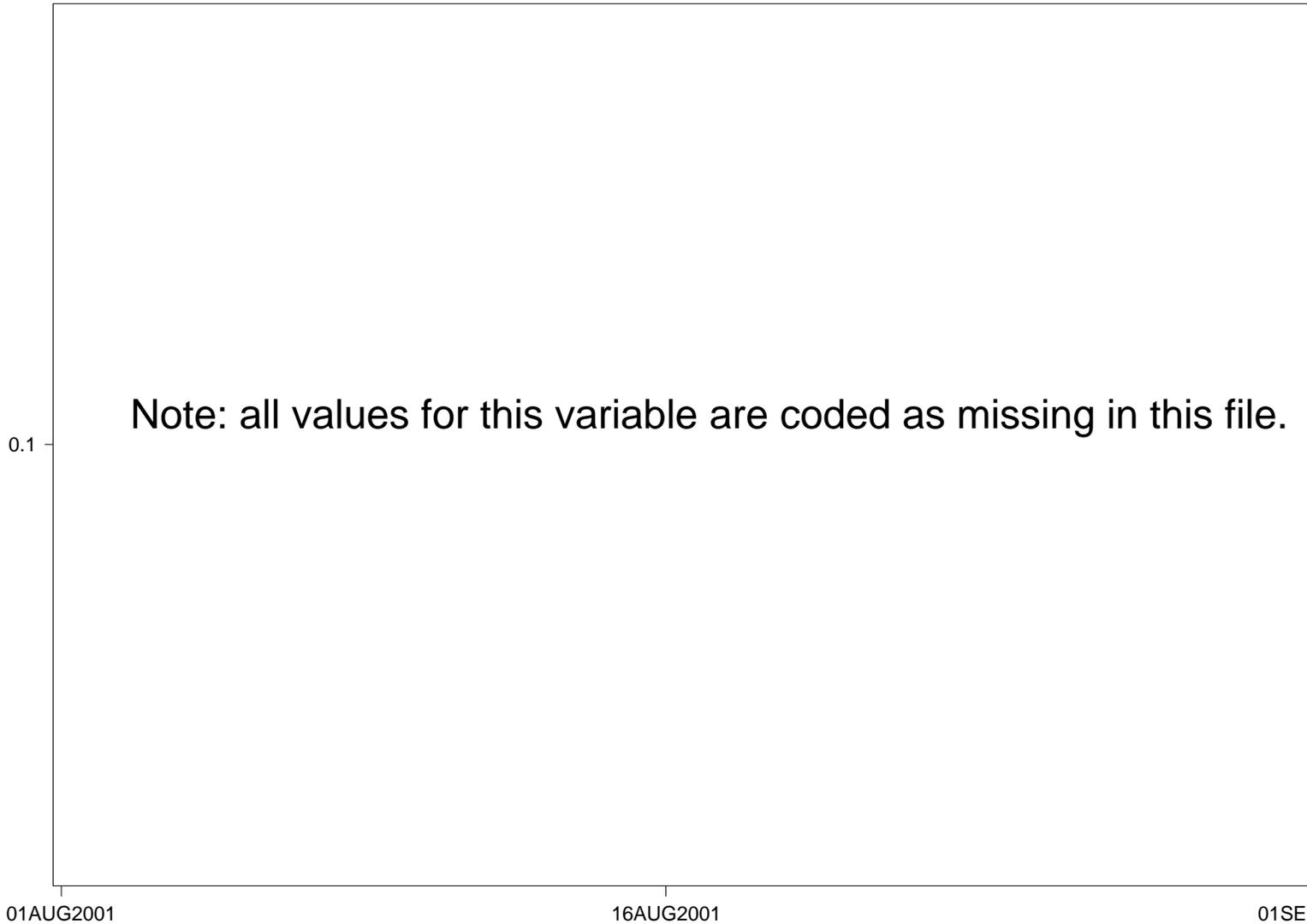
Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

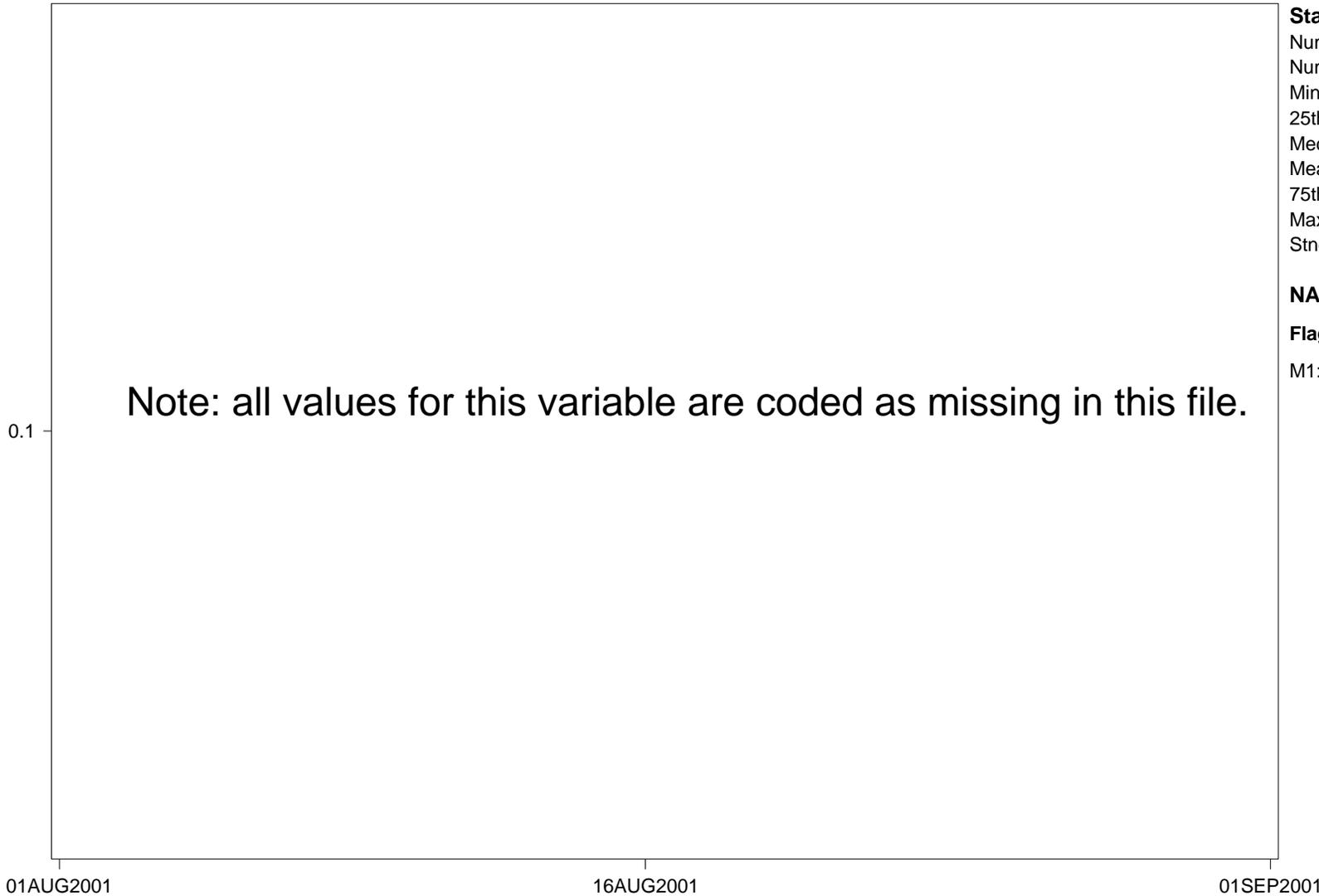
Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

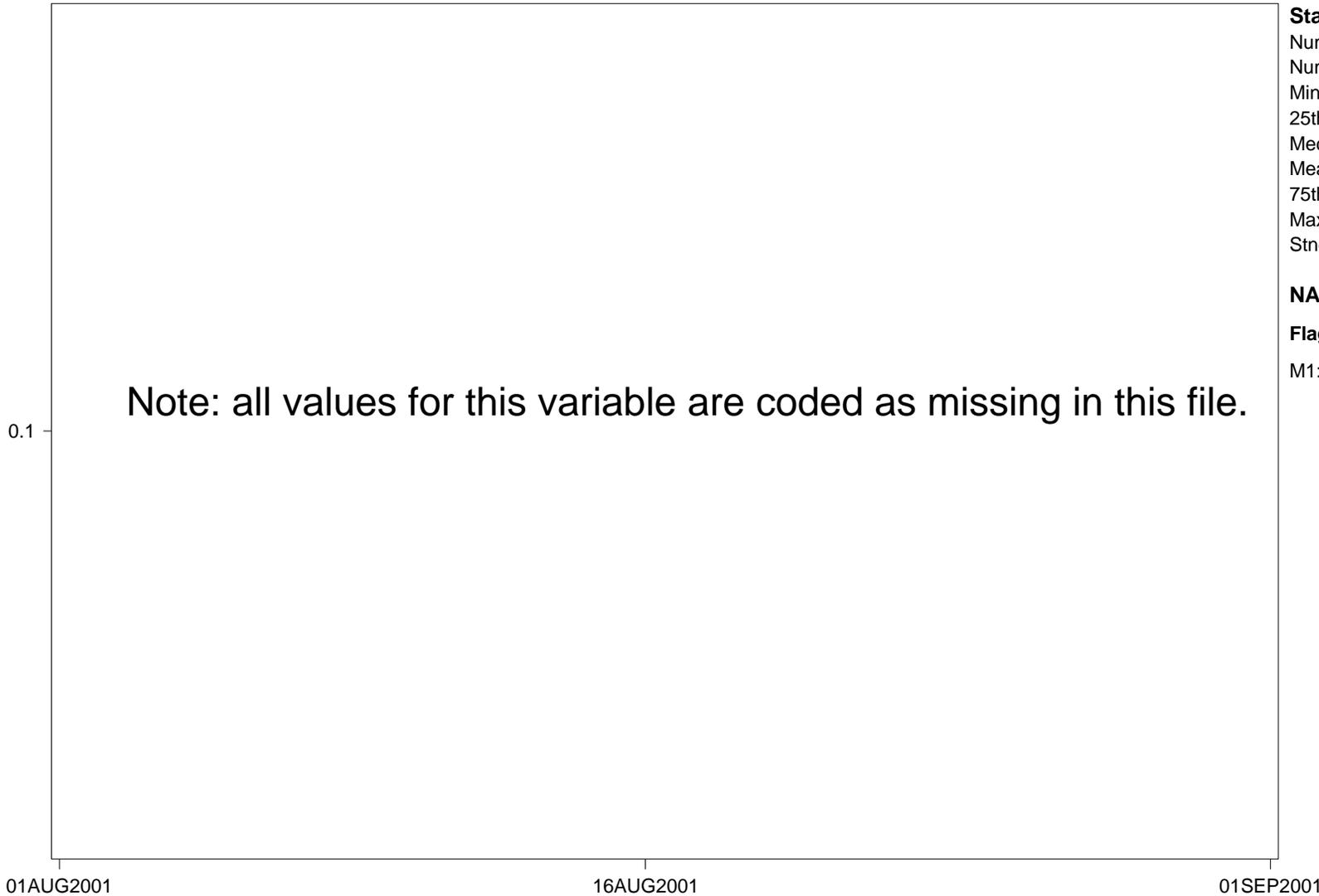
Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

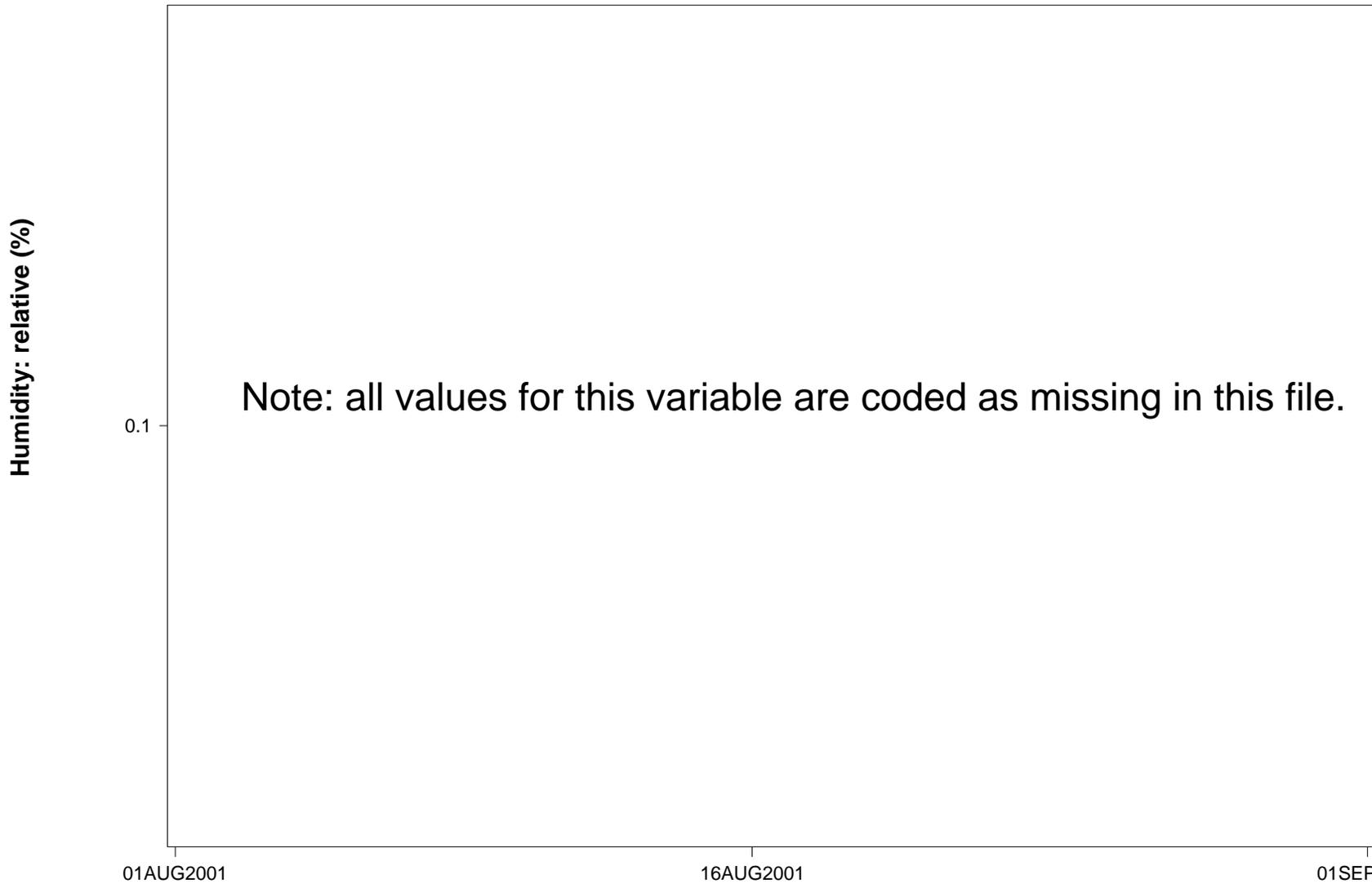
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

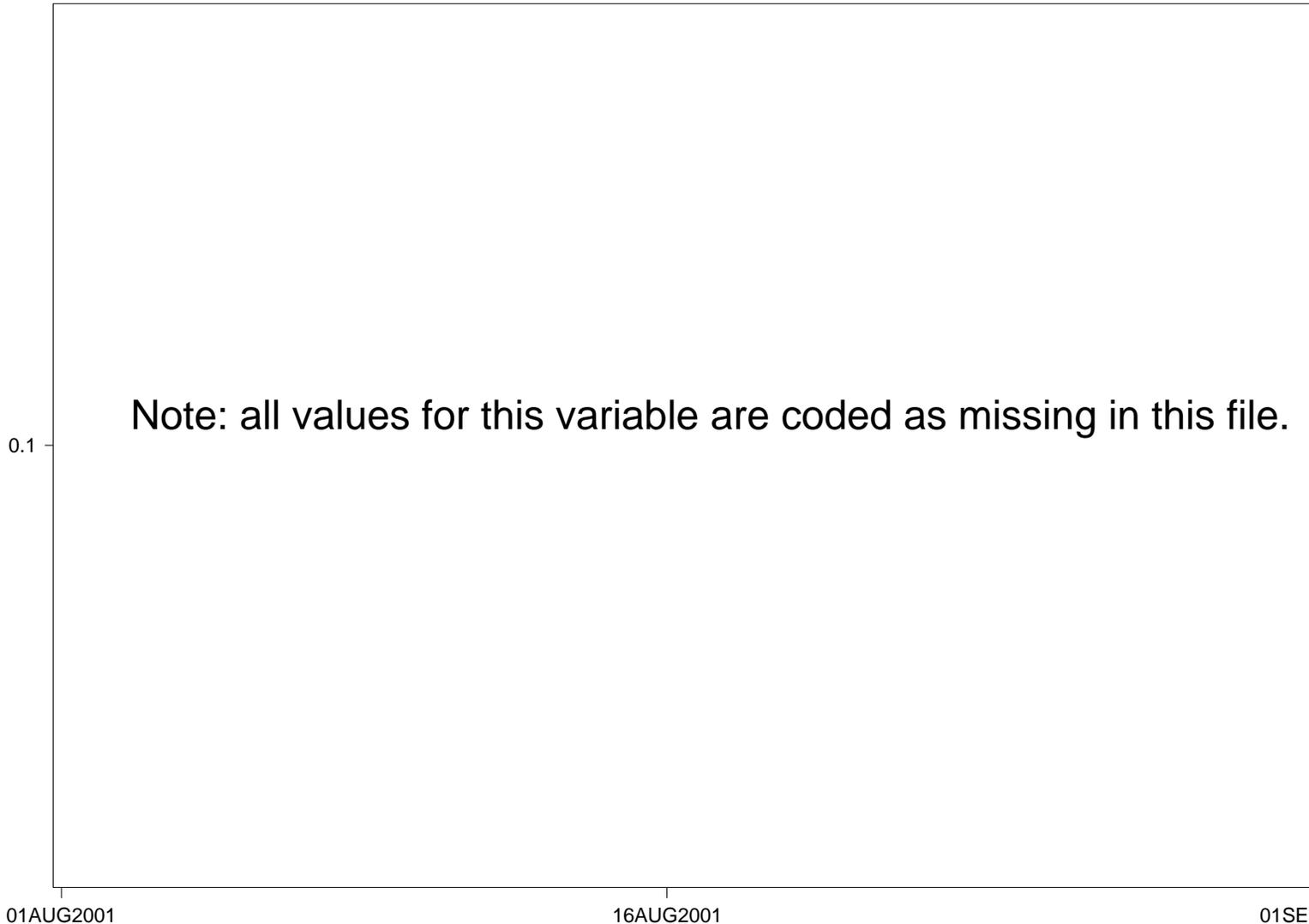
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

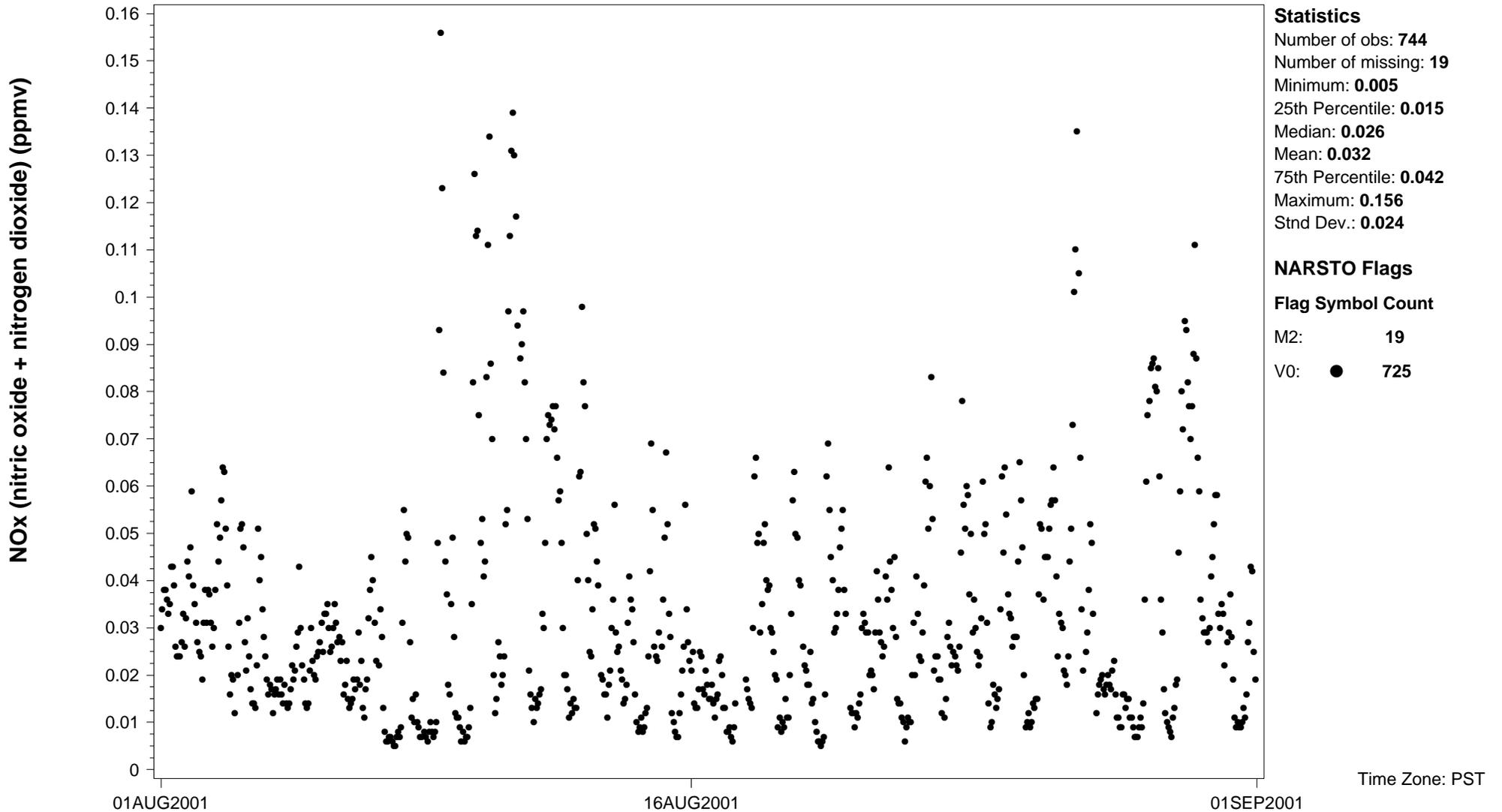
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



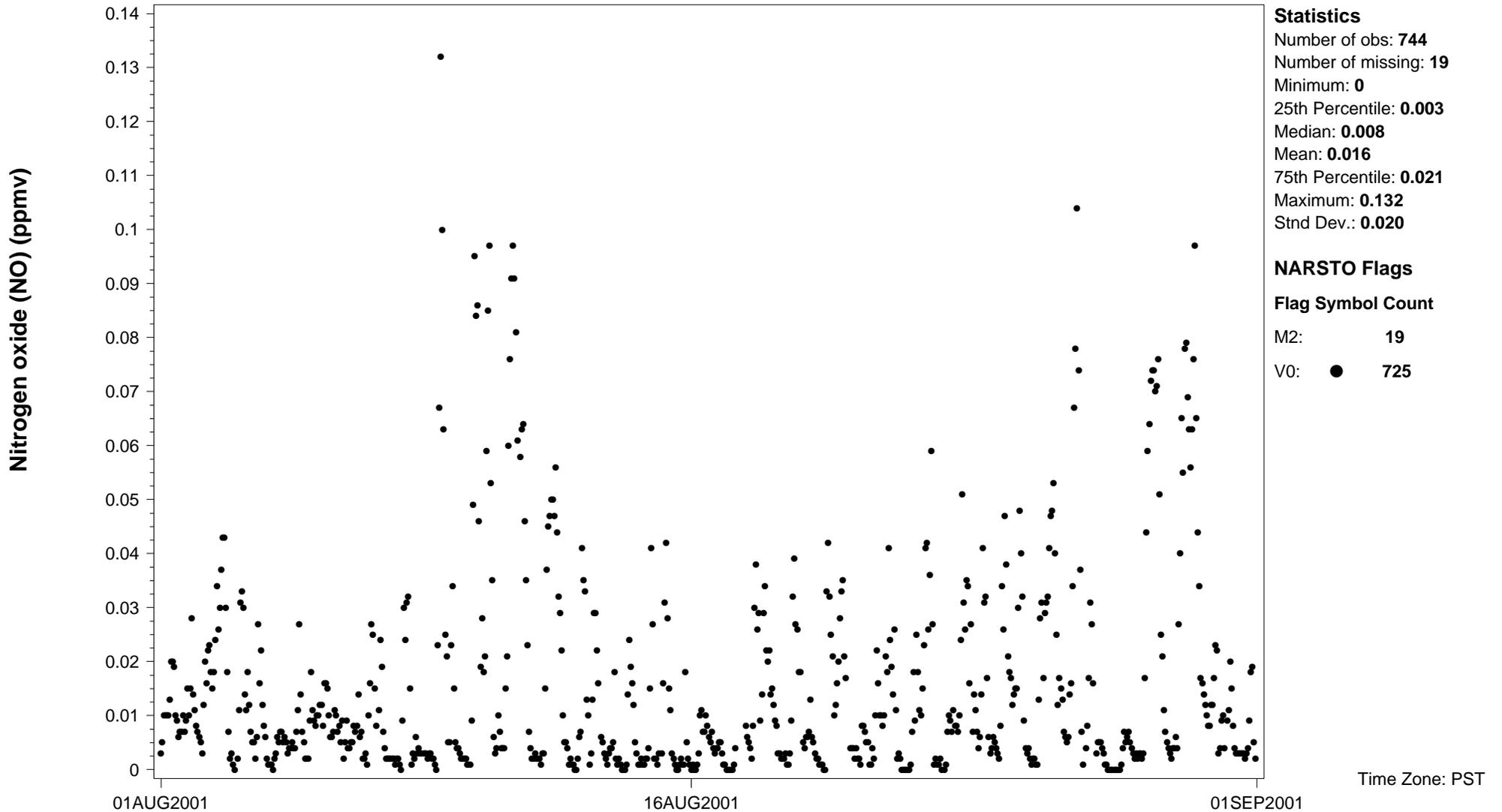
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

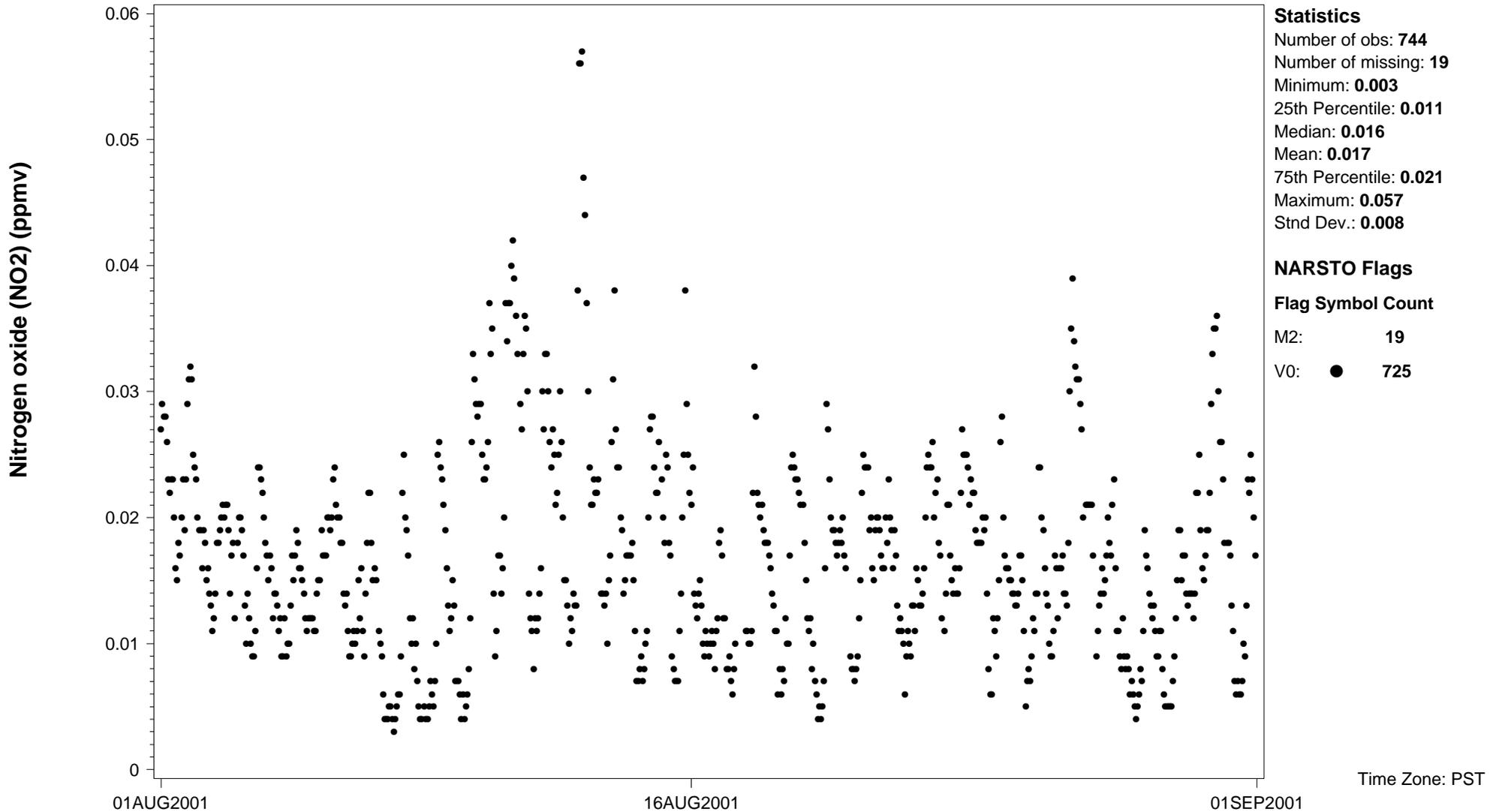


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



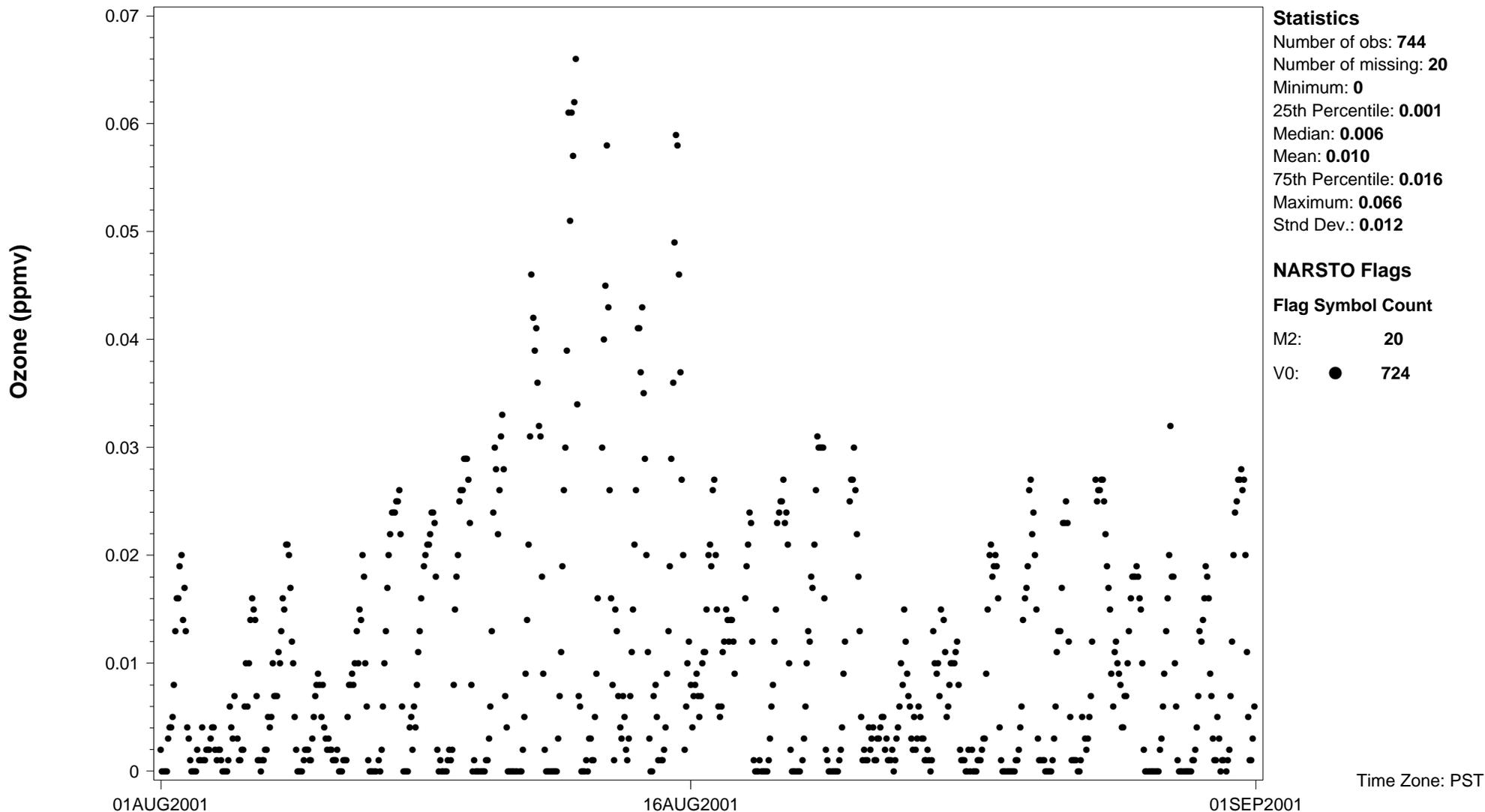
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

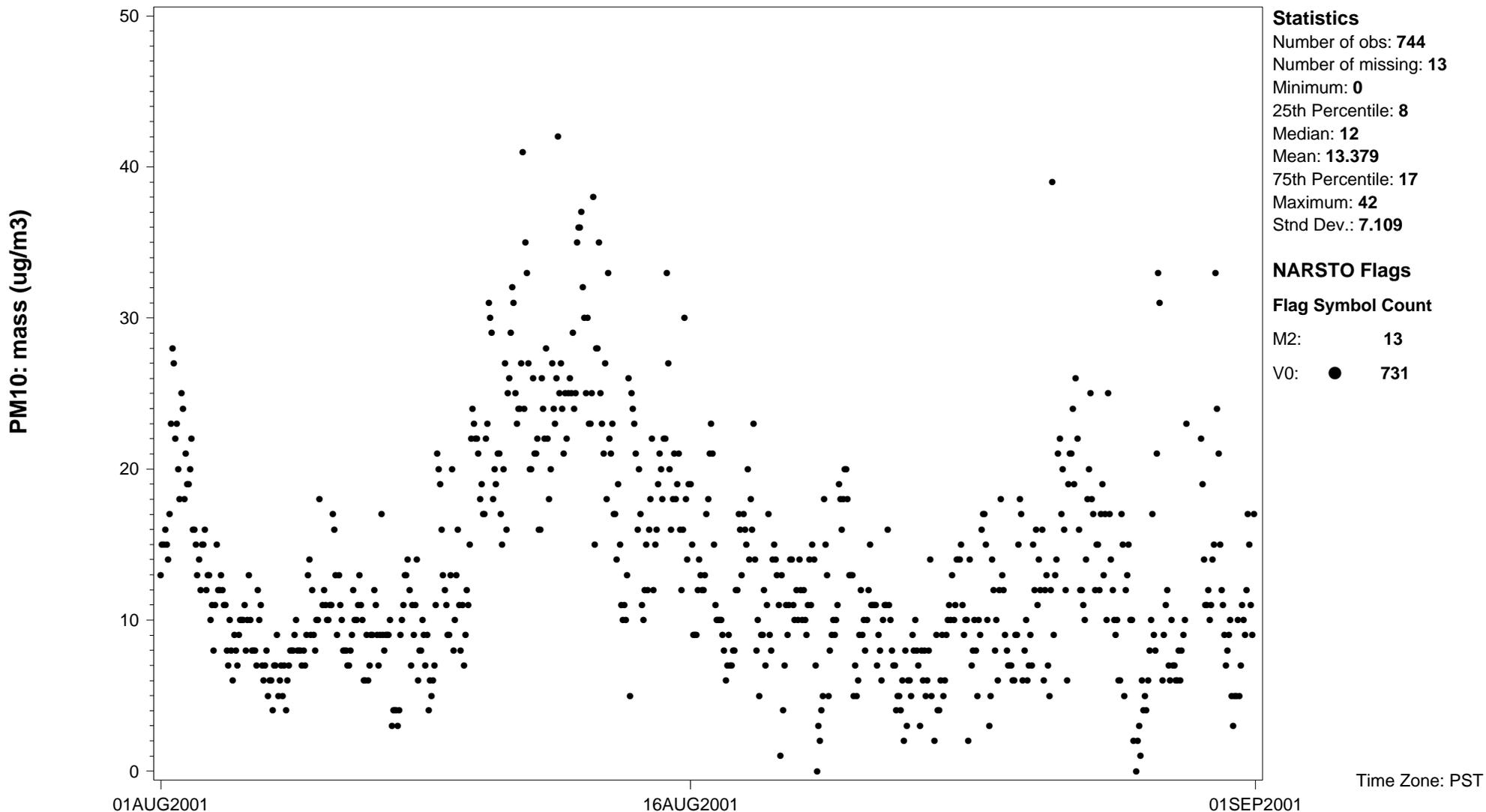
Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT002** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

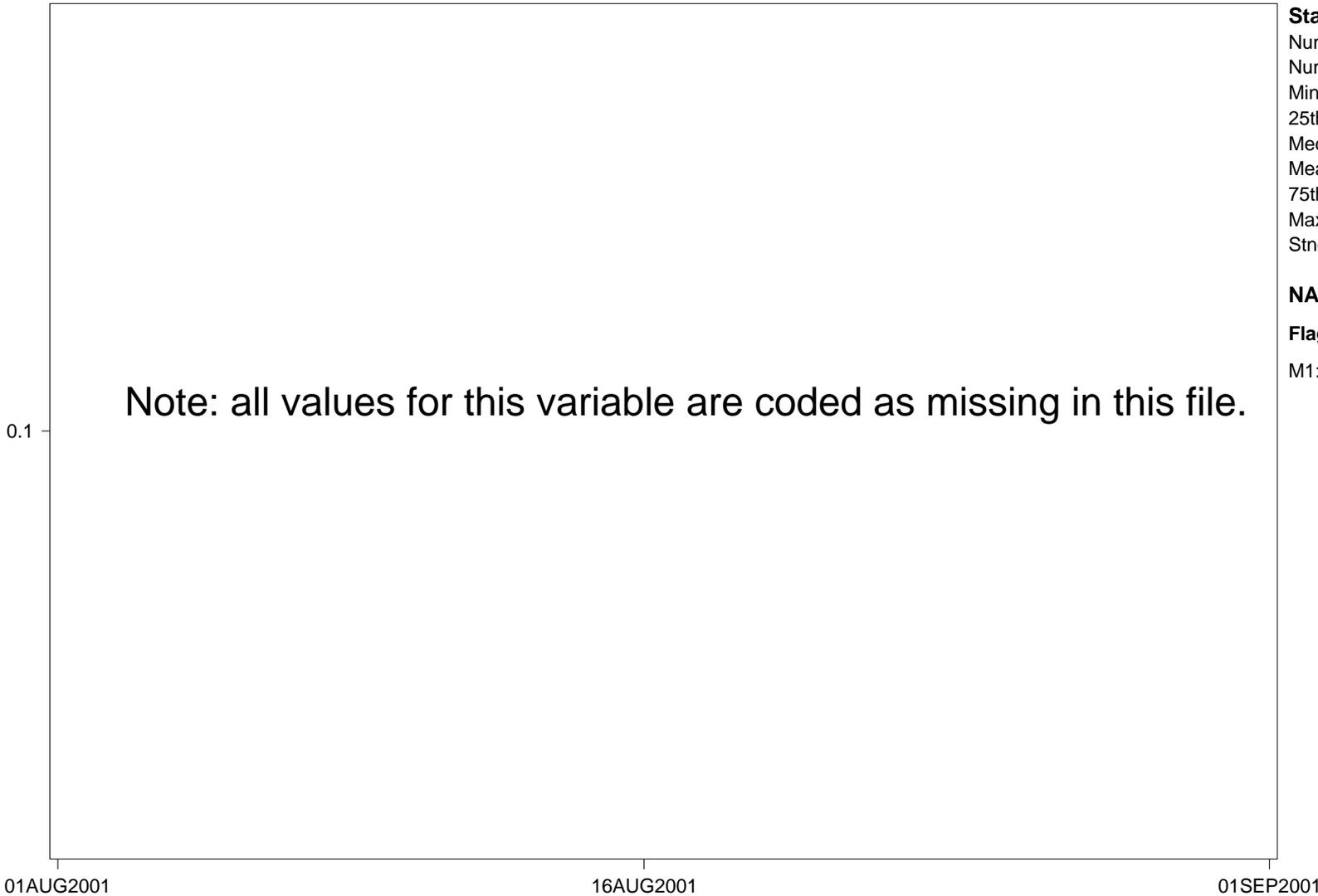


Site ID: **PC01CABCT002** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

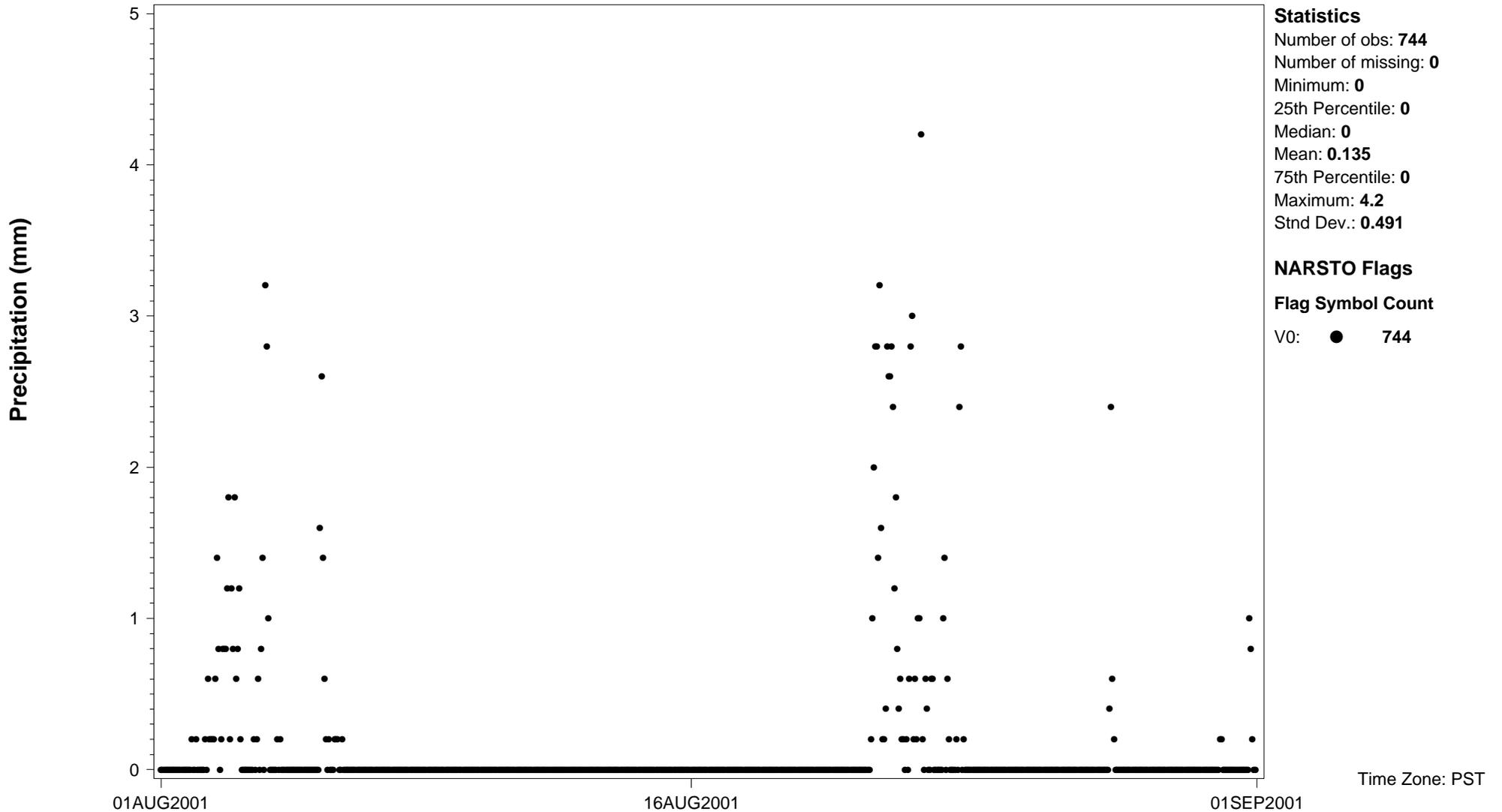
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

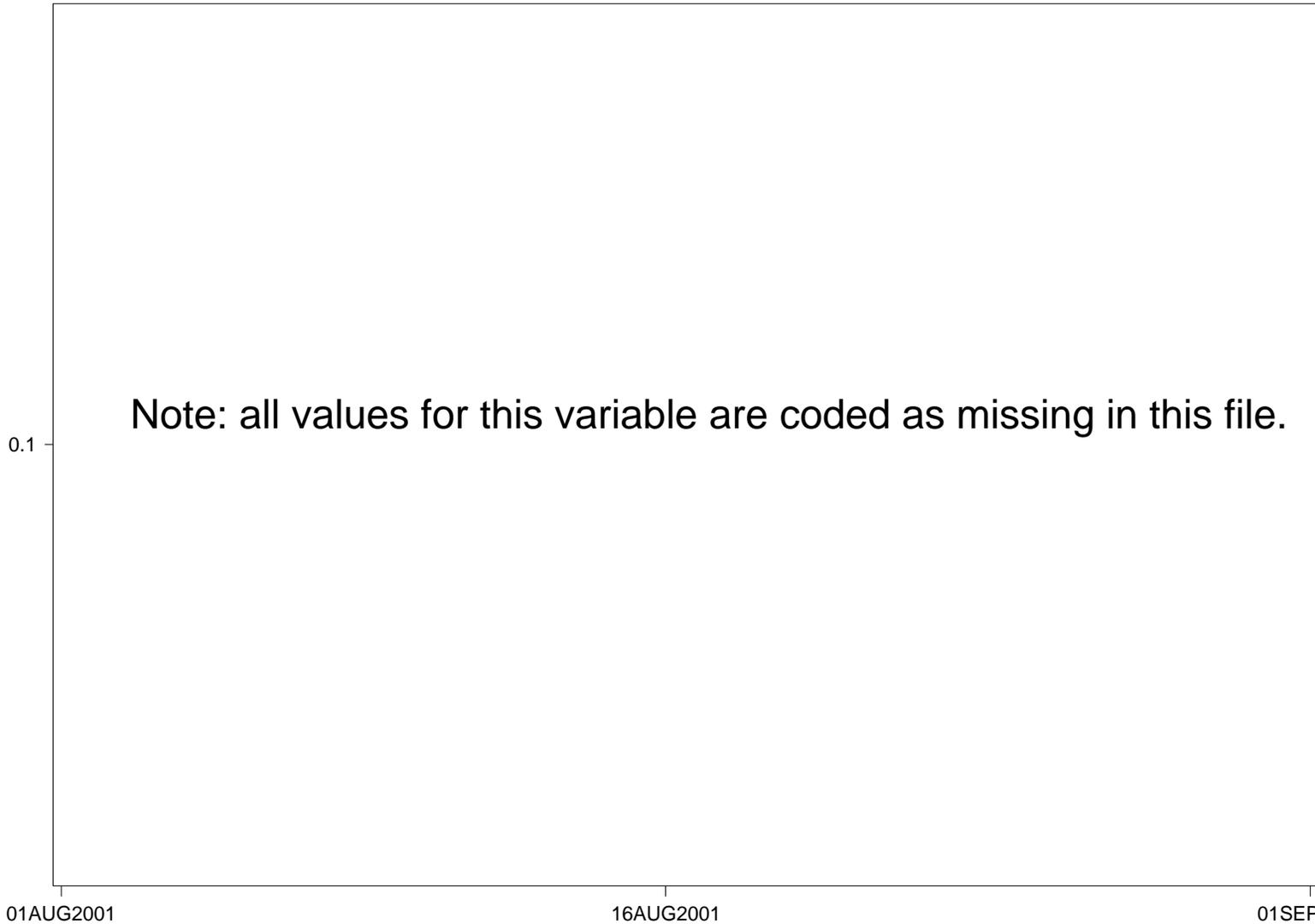
Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT002** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

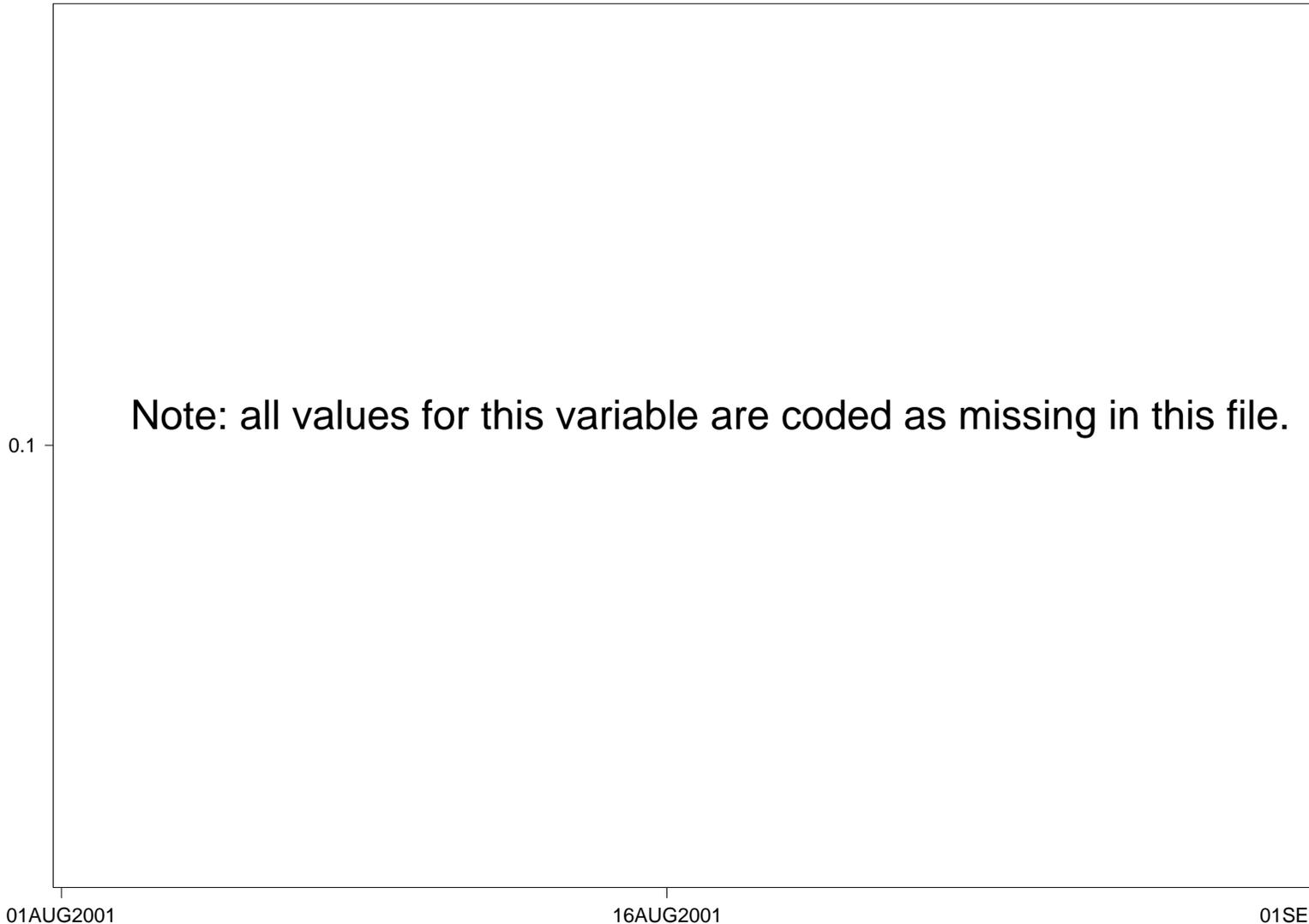
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

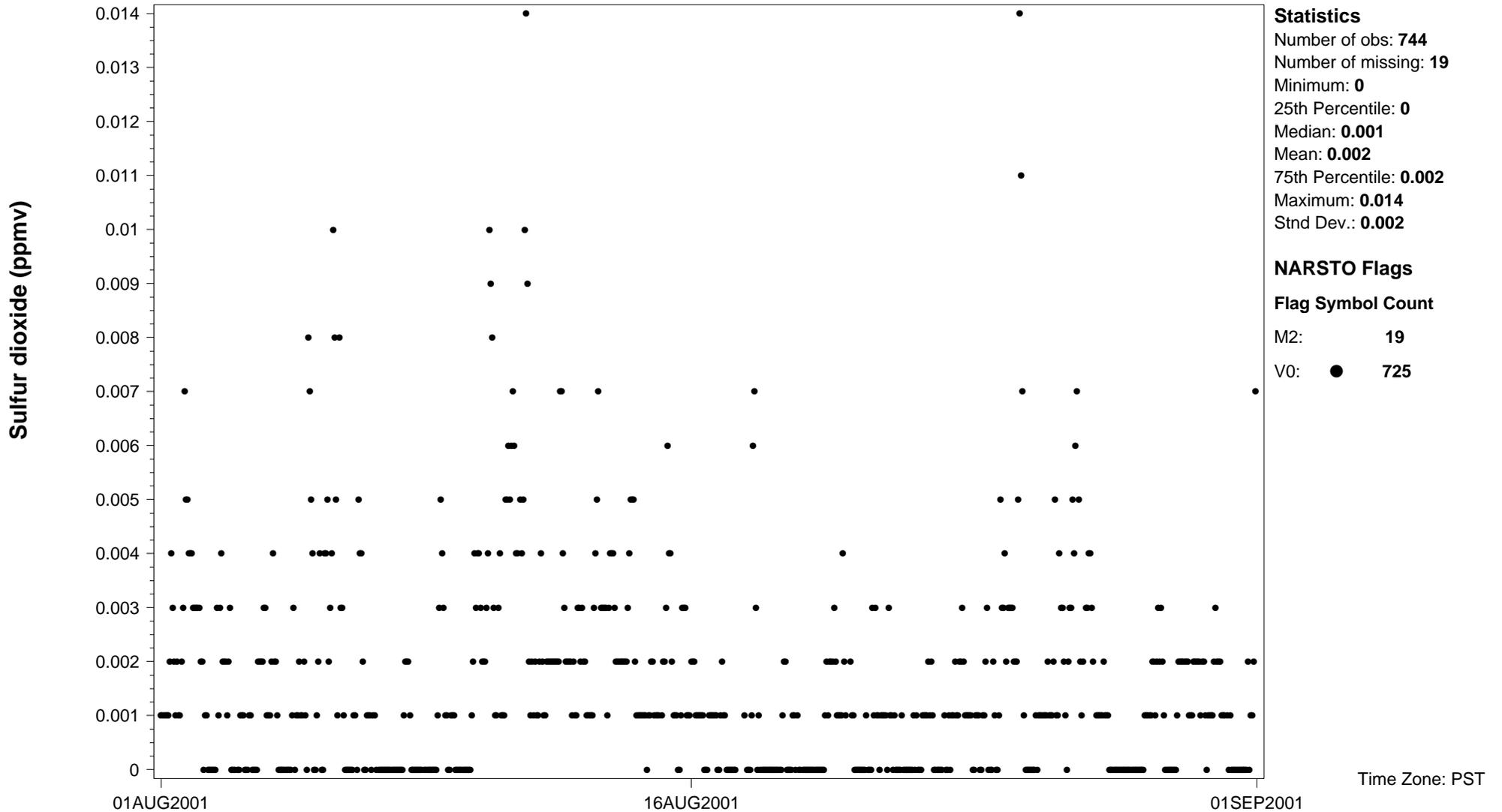
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

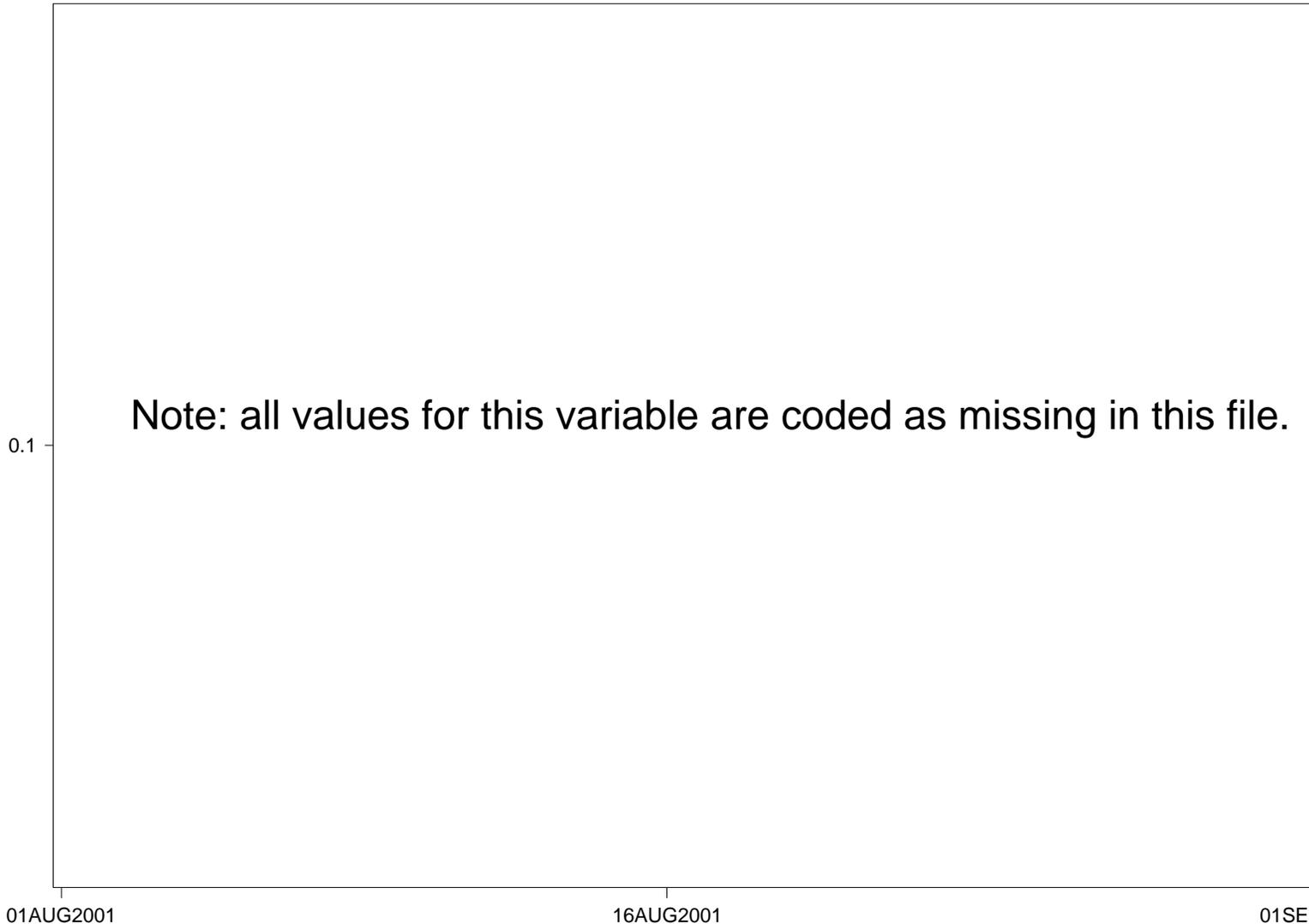


Site ID: **PC01CABCT002** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

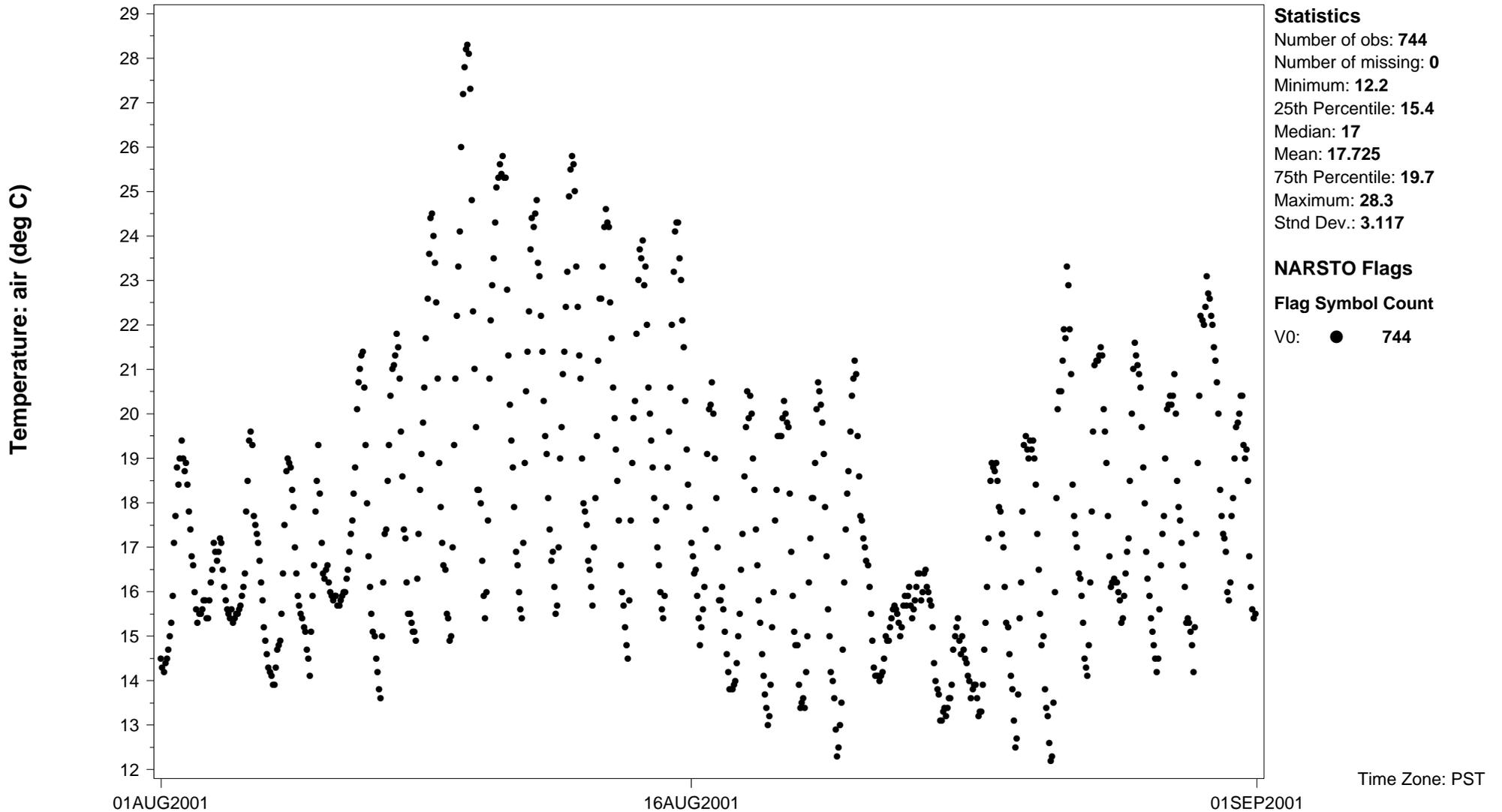
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT002** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



NAtChem Time Series Plot

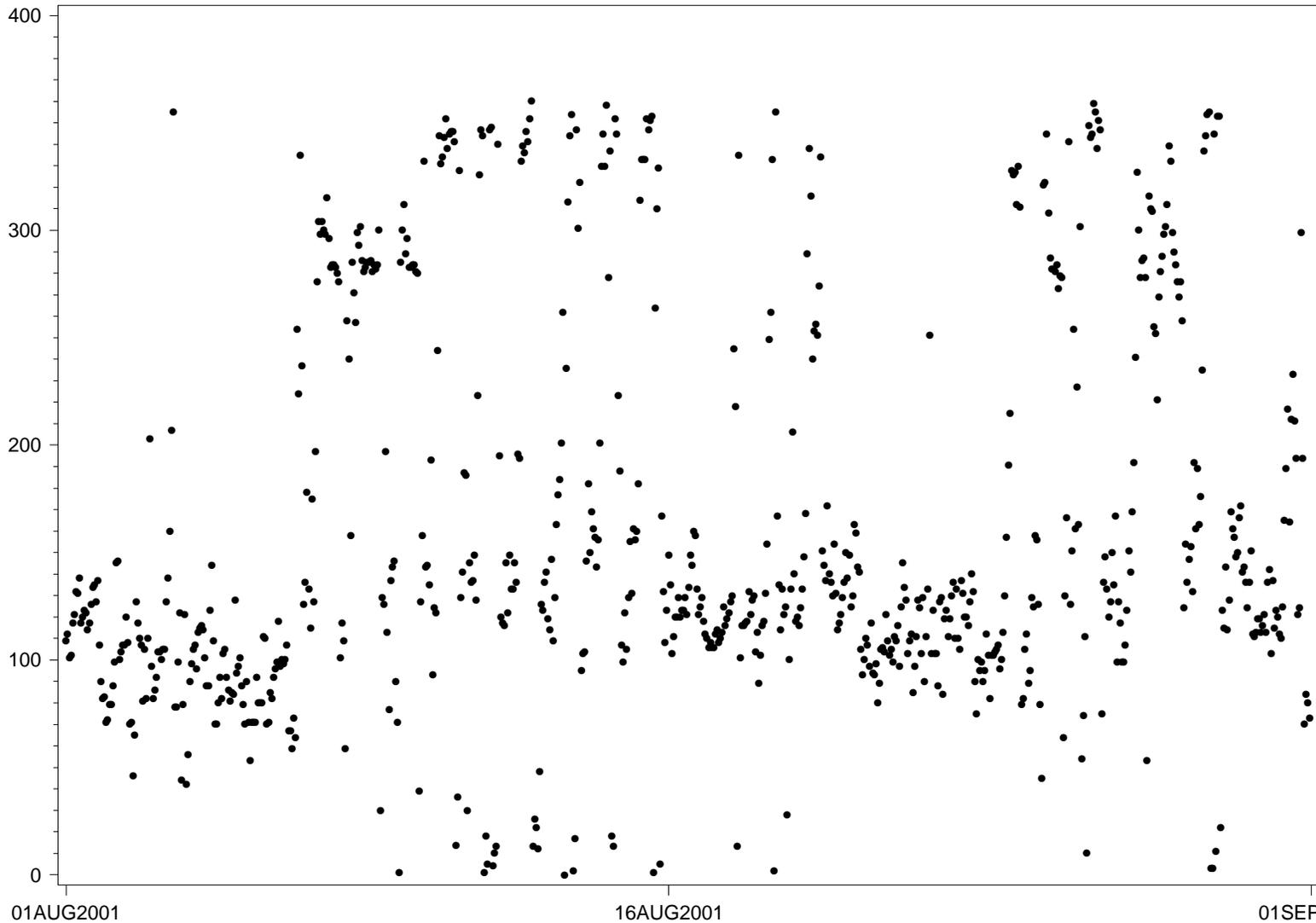
30SEP2004

Site ID: **PC01CABCT002** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **105**  
 Median: **129**  
 Mean: **162.585**  
 75th Percentile: **223**  
 Maximum: **360**  
 Stnd Dev.: **91.088**

**NARSTO Flags**

**Flag Symbol Count**  
 V0: ● **744**

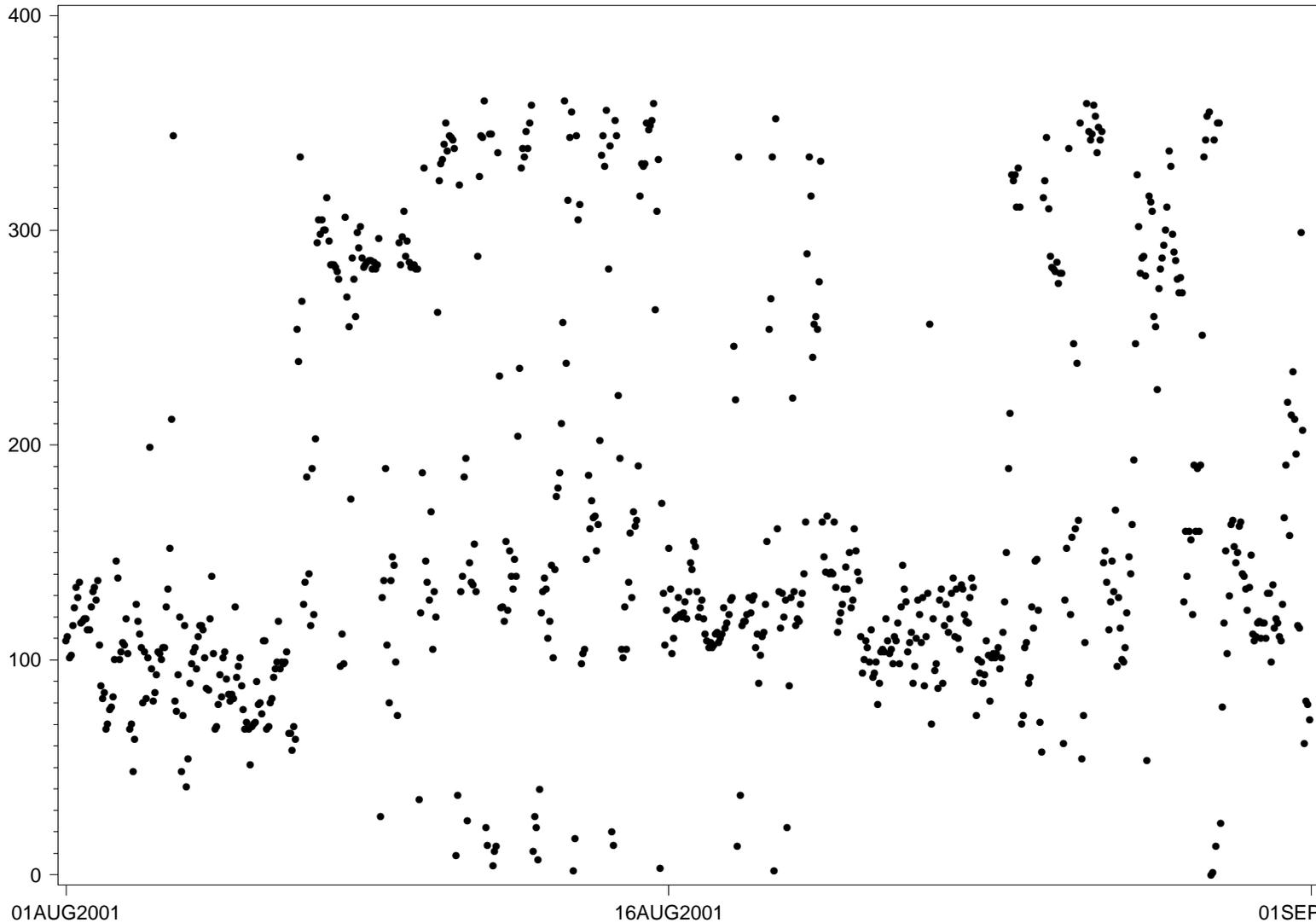
Time Zone: PST

Site ID: **PC01CABCT002** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



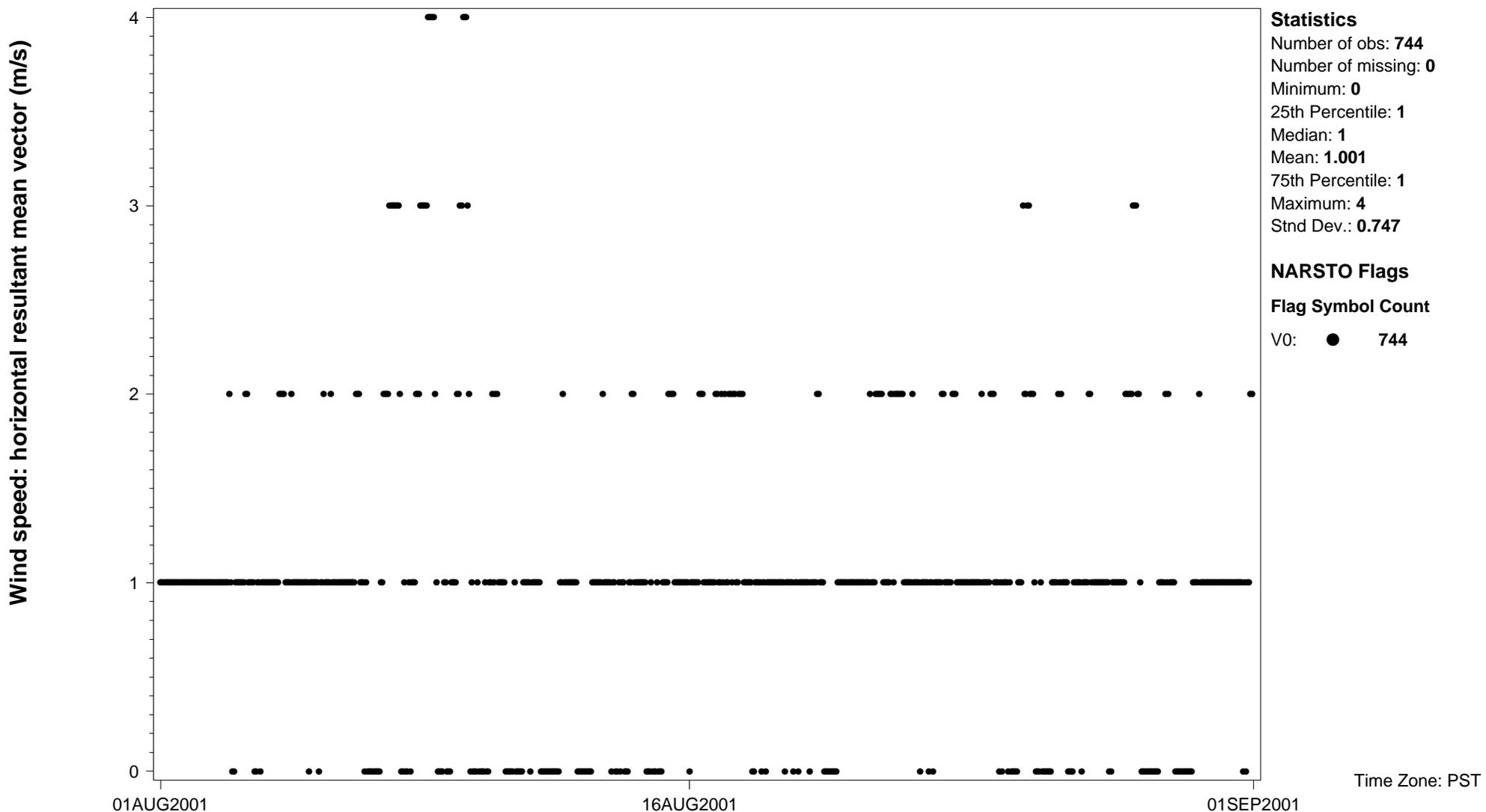
**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **104**  
 Median: **129**  
 Mean: **165.462**  
 75th Percentile: **247**  
 Maximum: **360**  
 Stnd Dev.: **92.351**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

Time Zone: PST

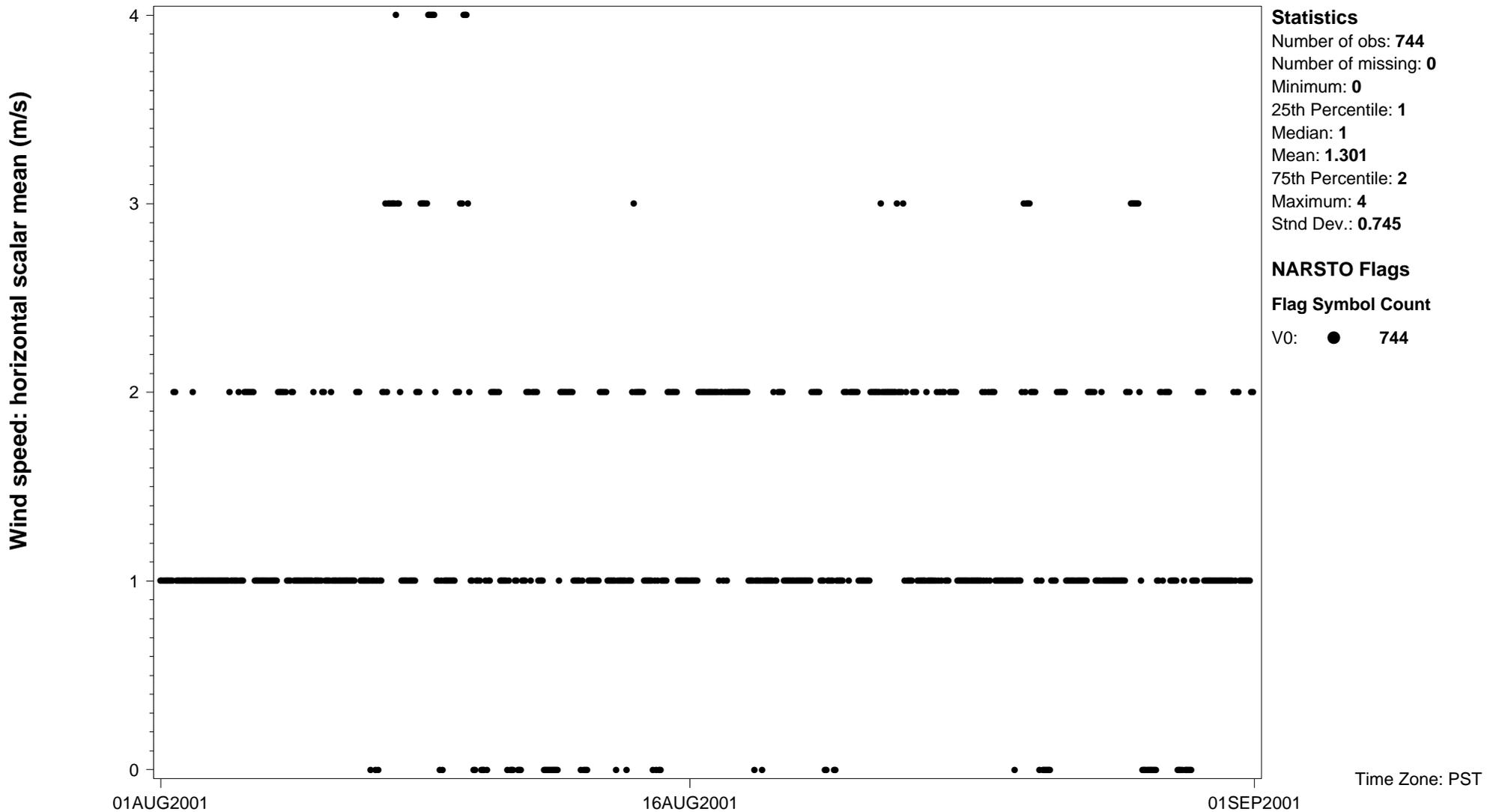
Site ID: **PC01CABCT002** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT002** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KITSILANO - 2550 WEST 10TH AVENUE - VANCOUVER, British Columbia** Latitude: **49.26111111 deg.** Longitude: **-123.1636111 deg.** Start Date: **9999-12-31**

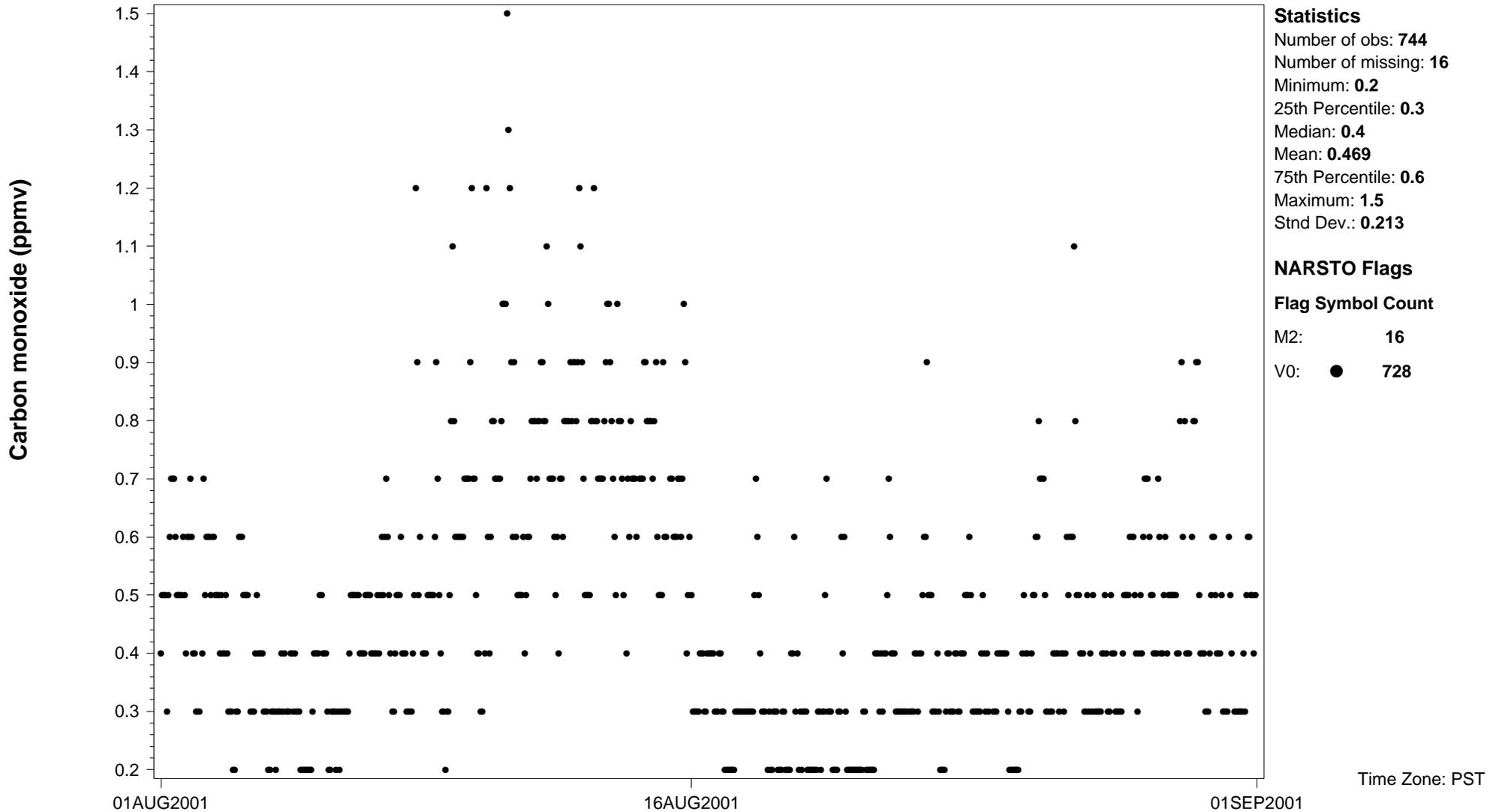


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

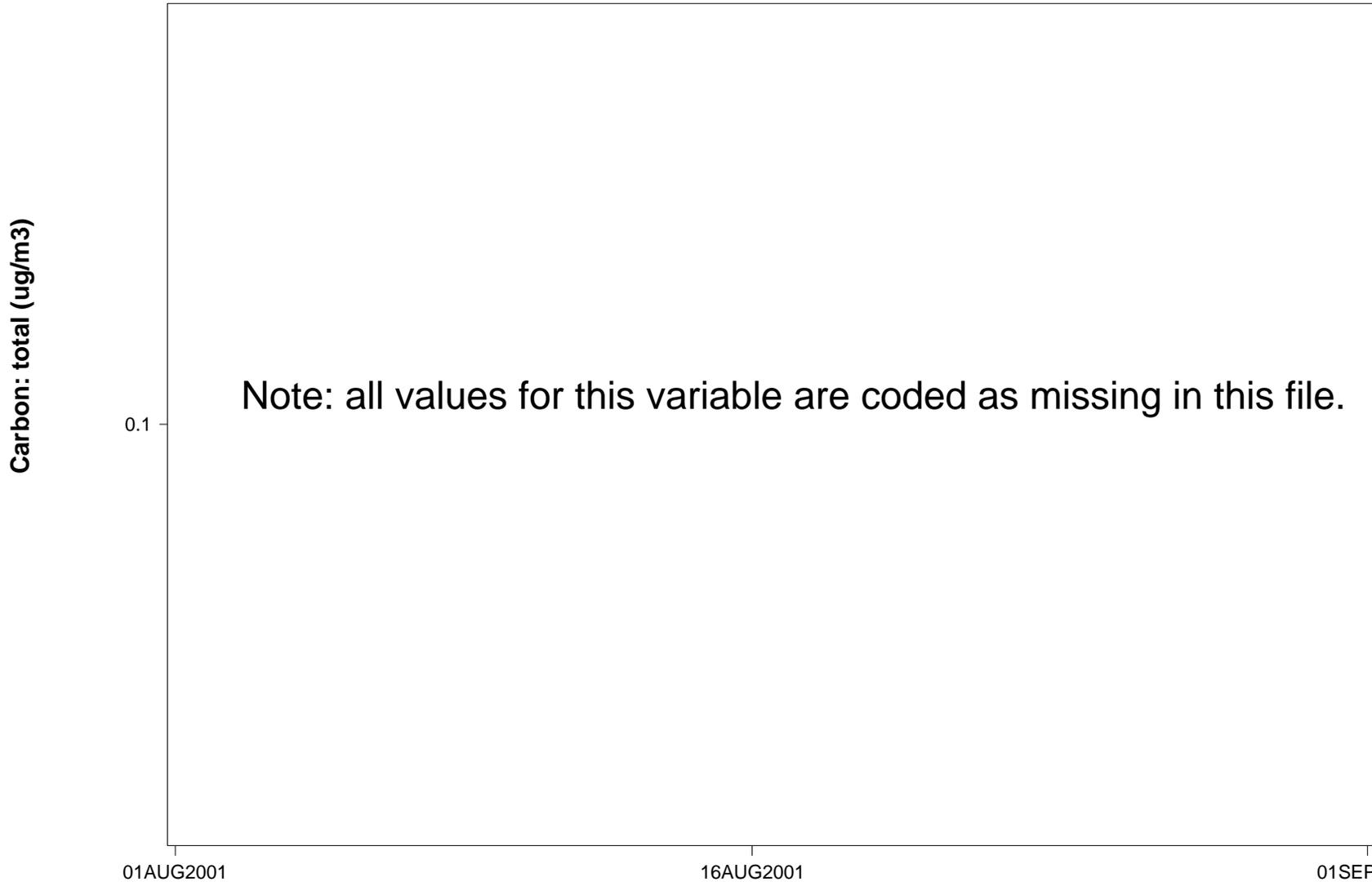
Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



Site ID: **PC01CABCT004** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

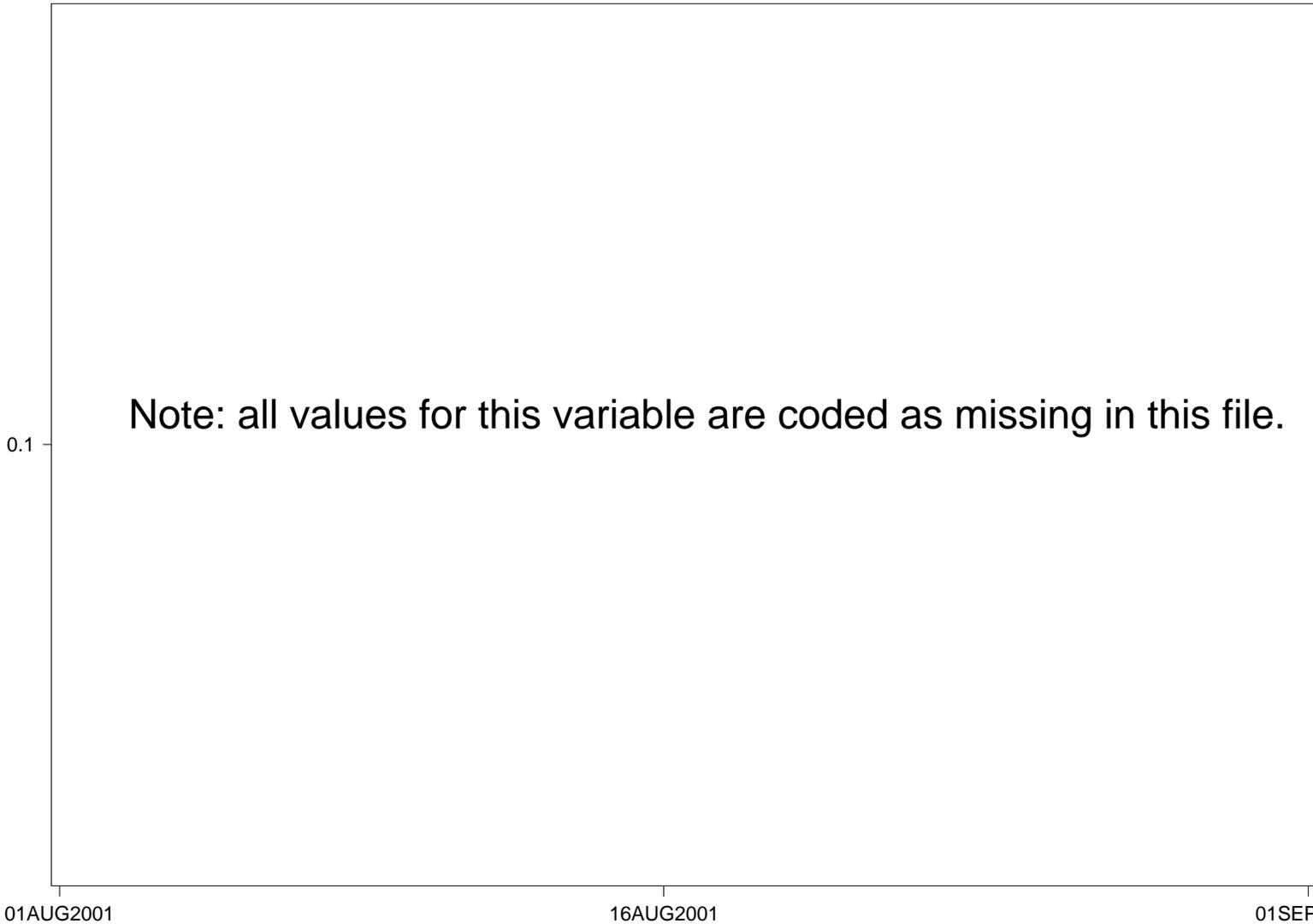
Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

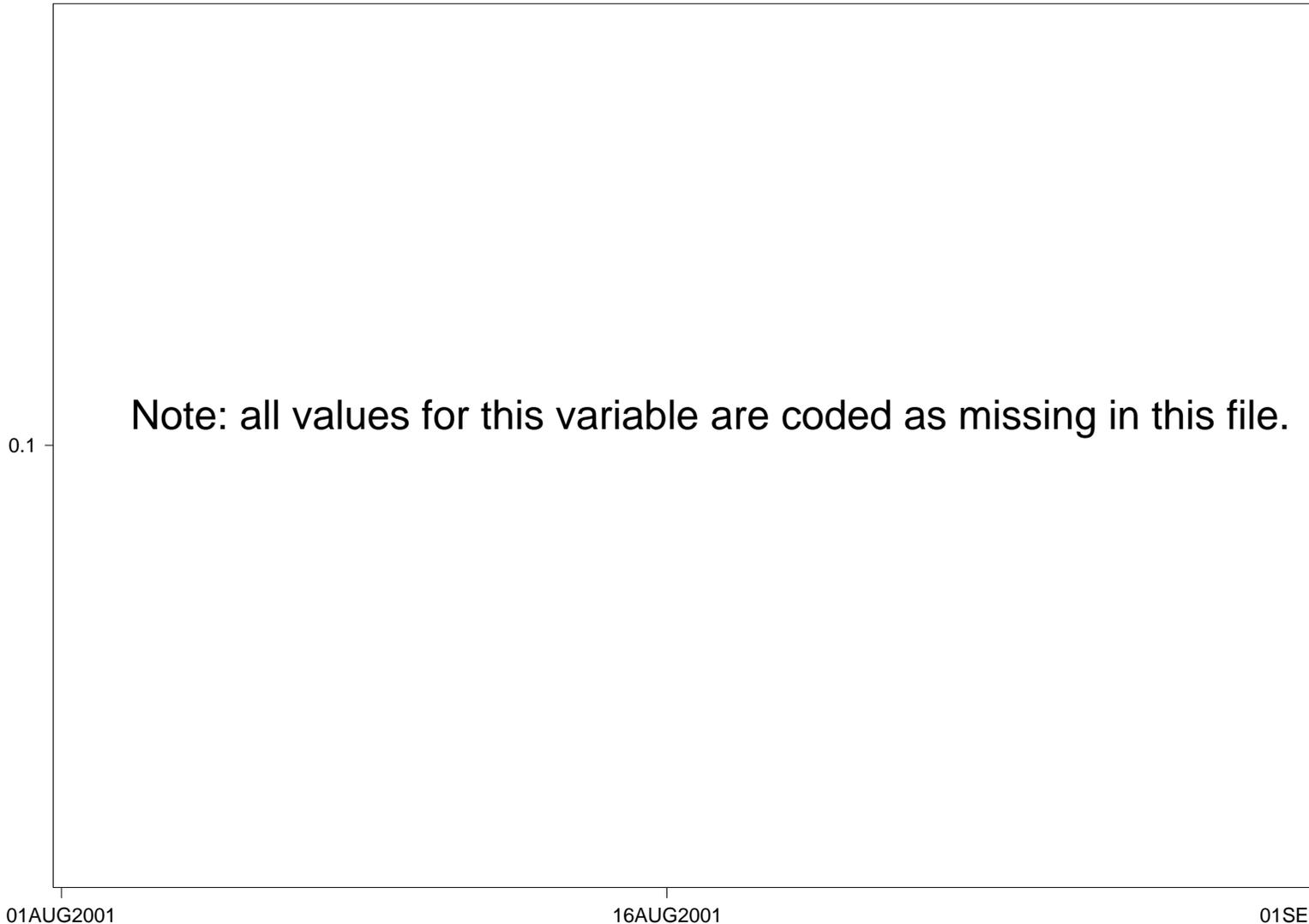
Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

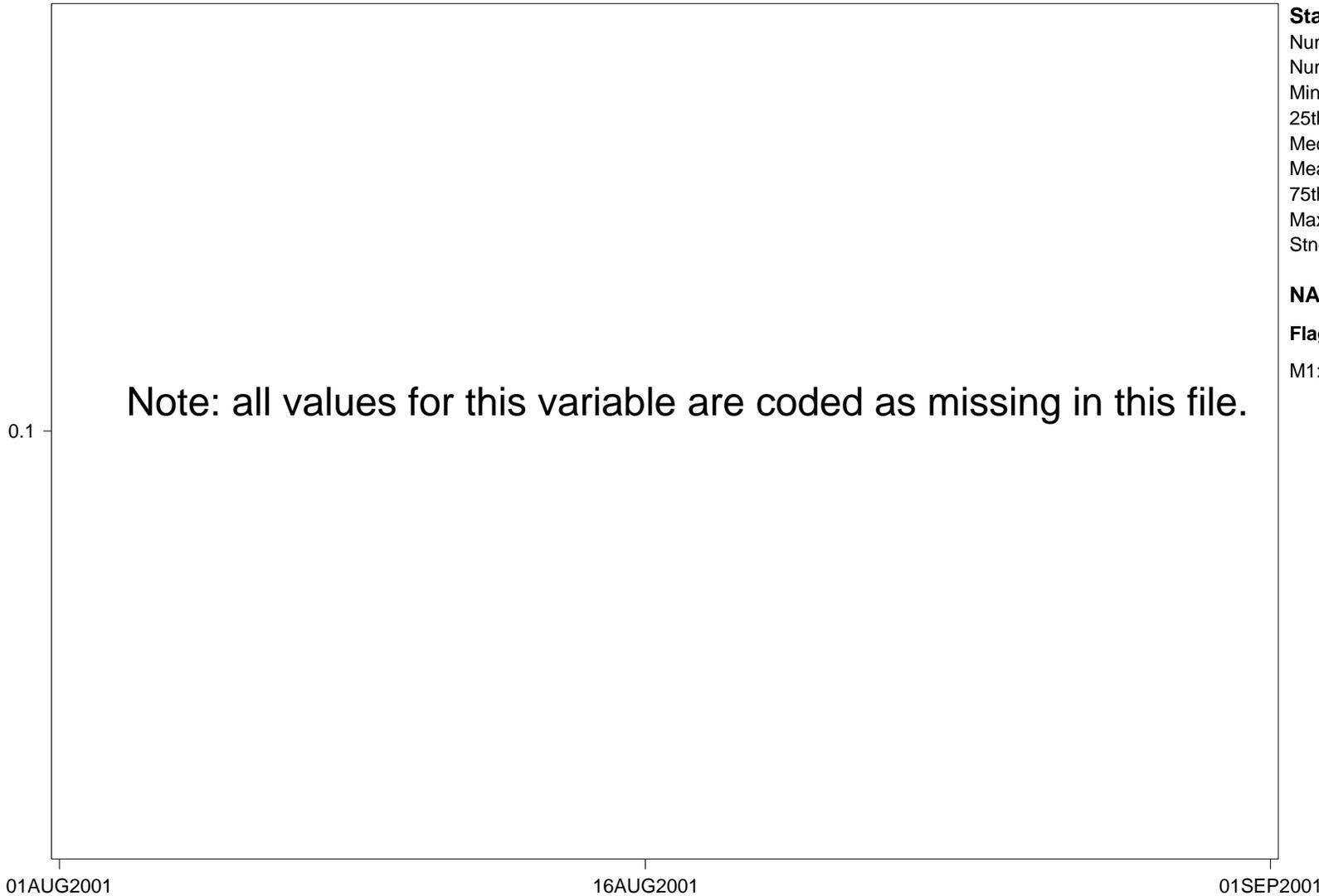
Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

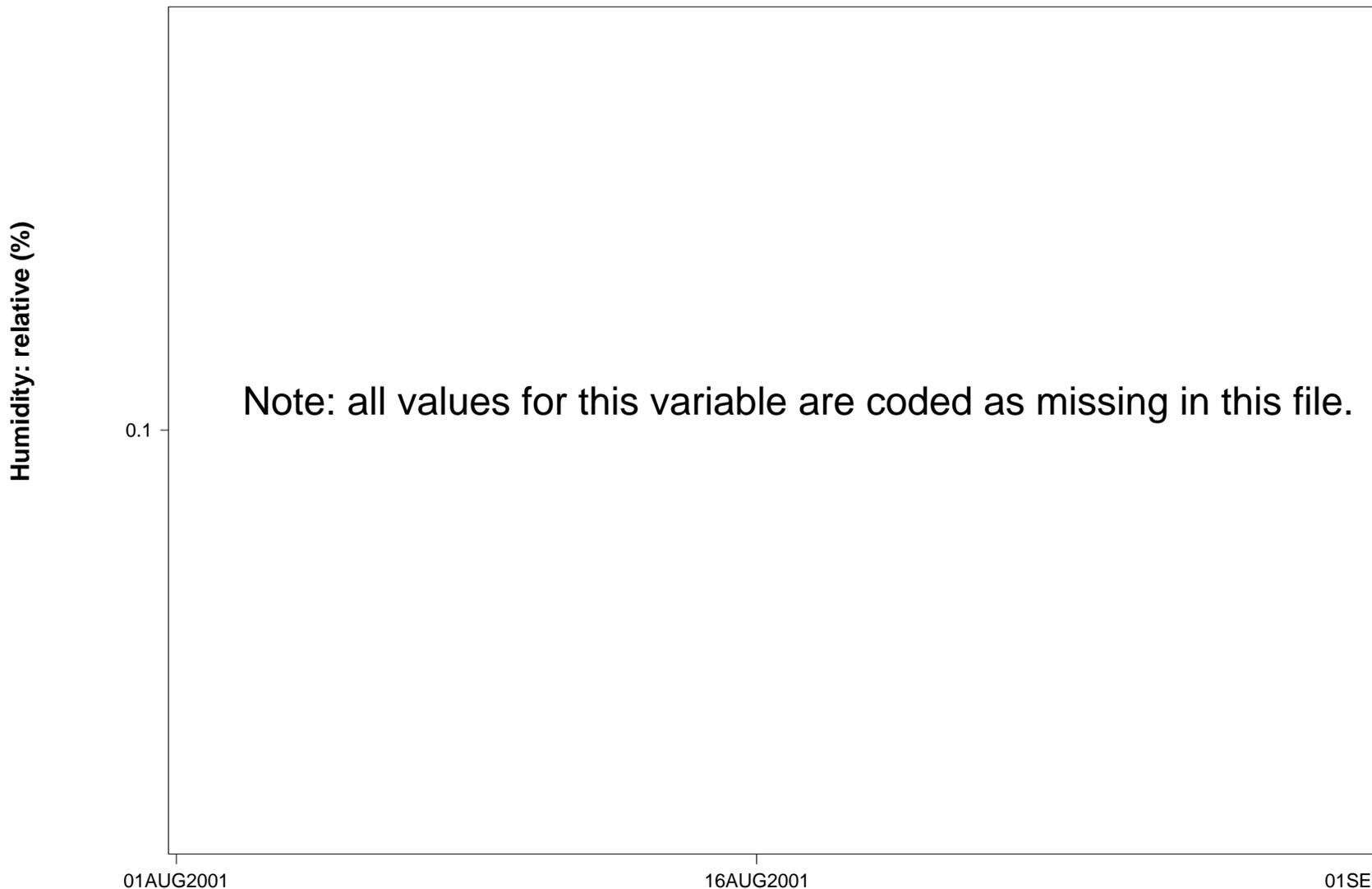
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

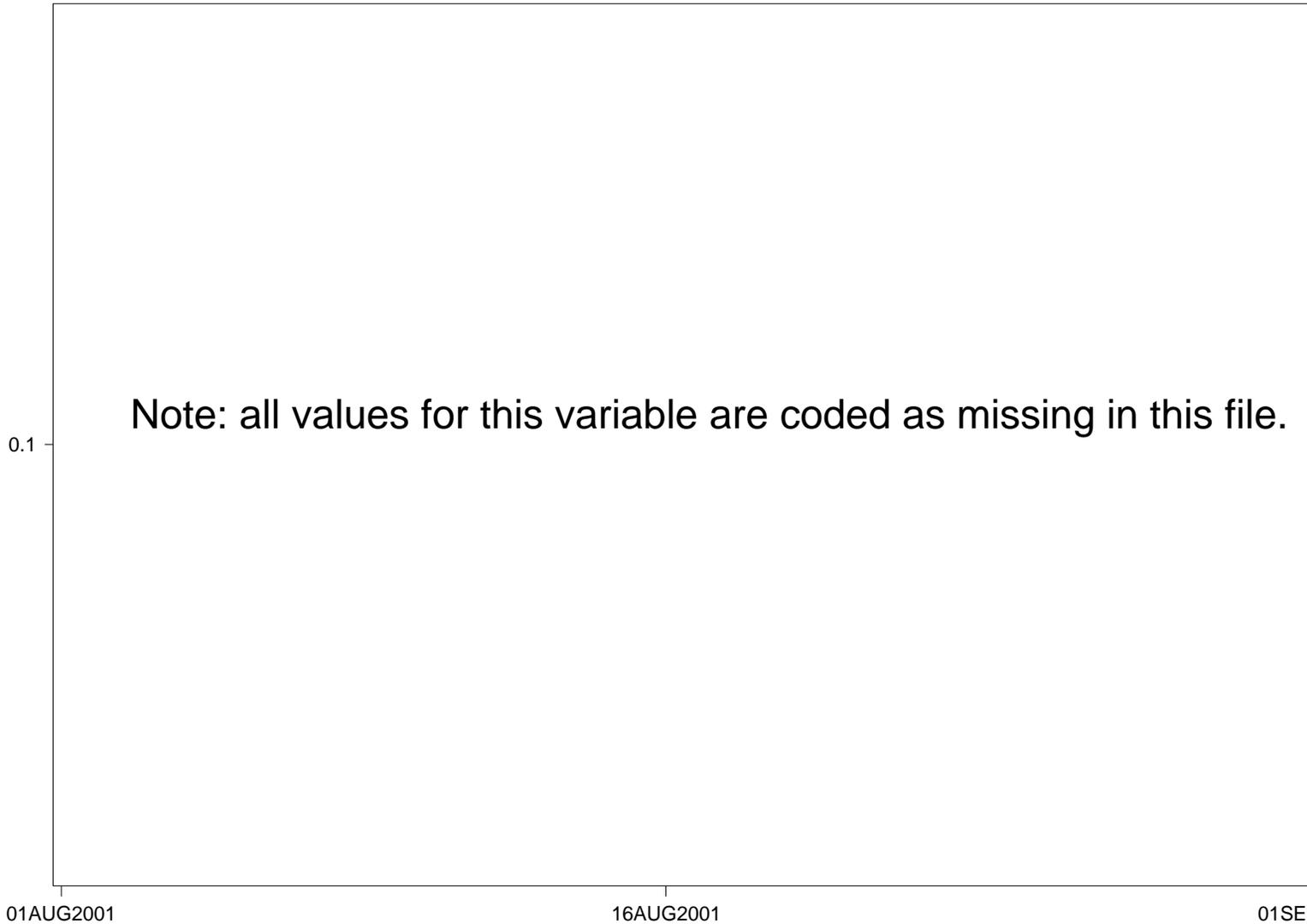
Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

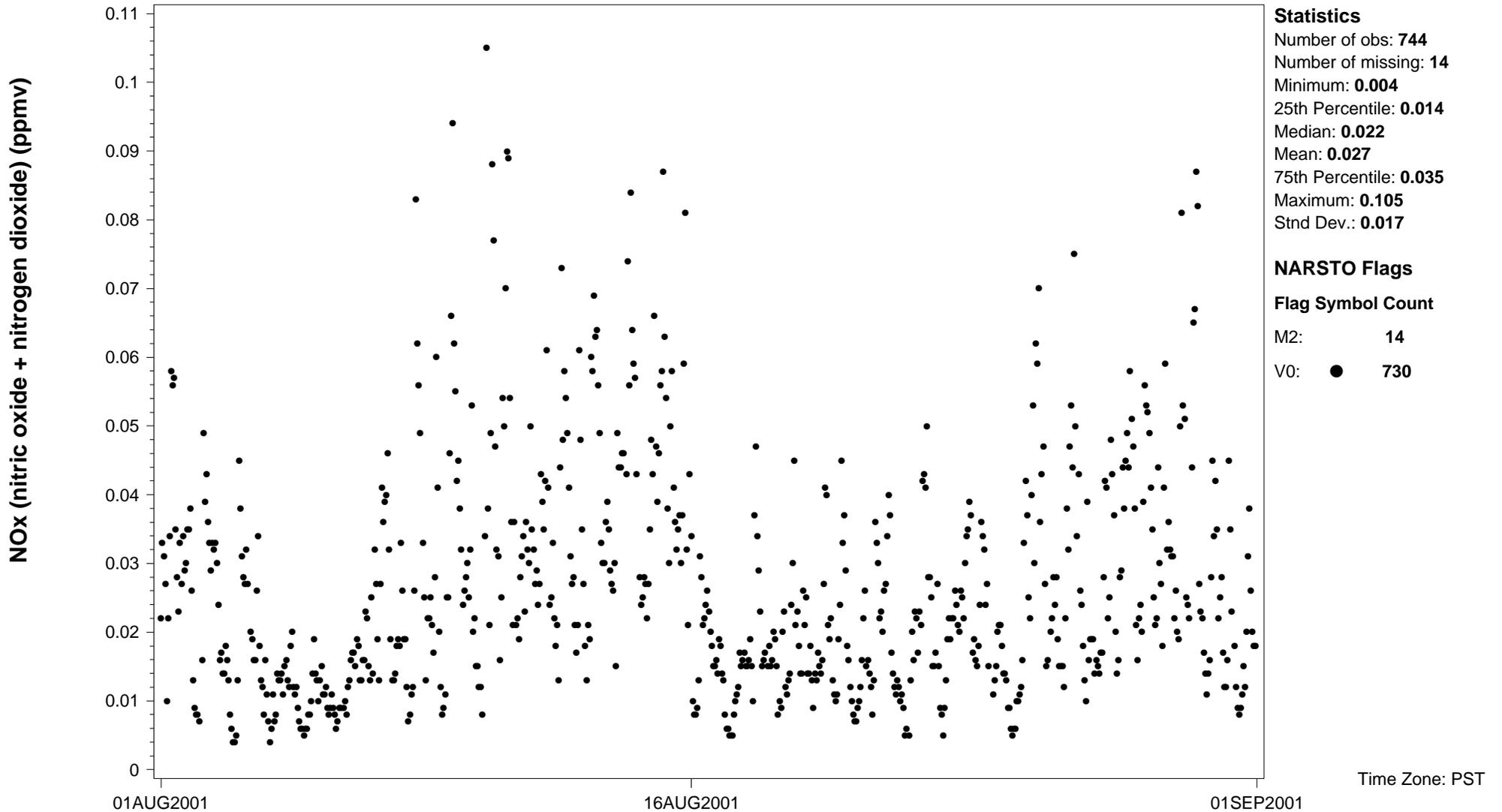
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



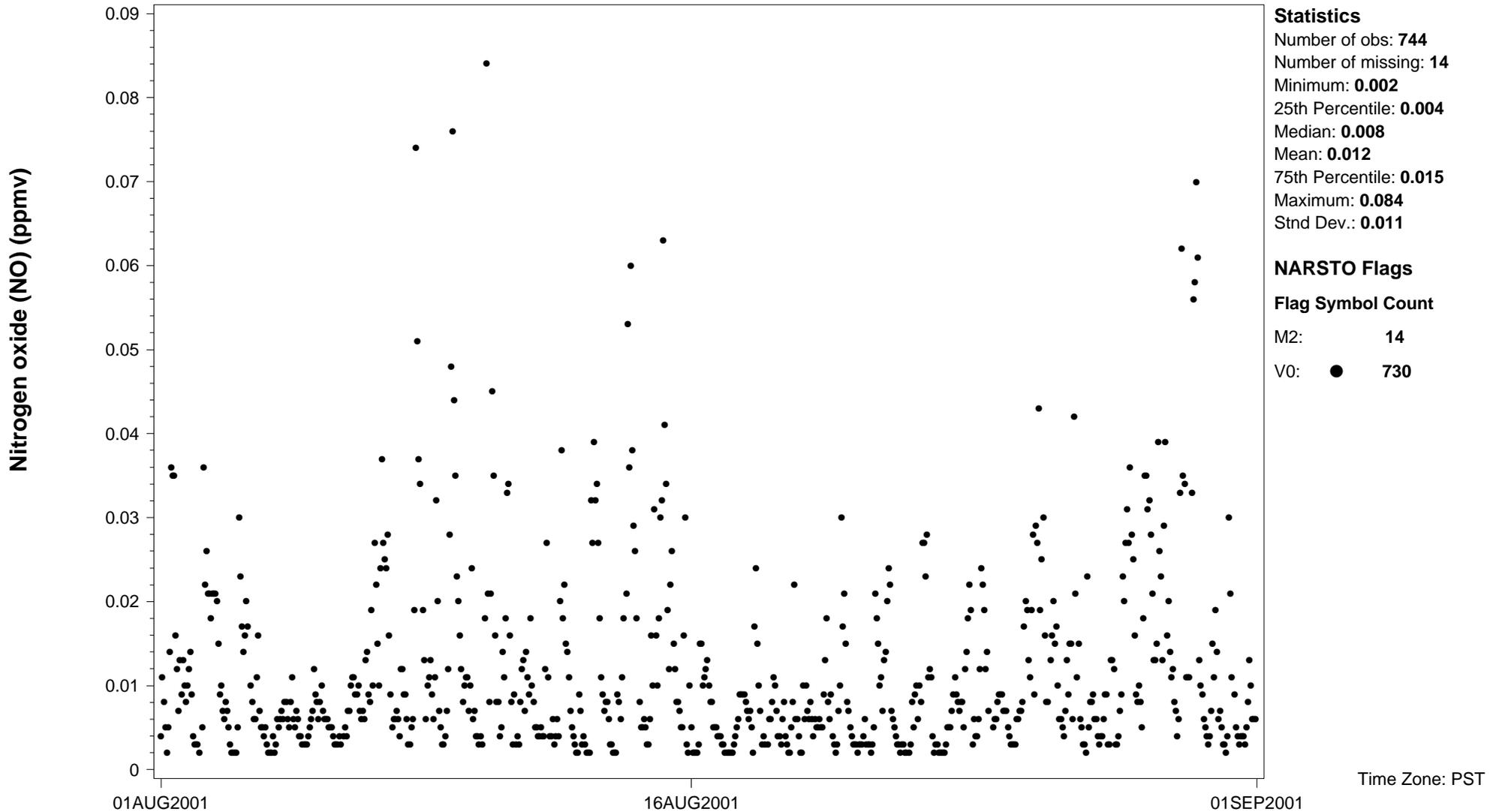
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

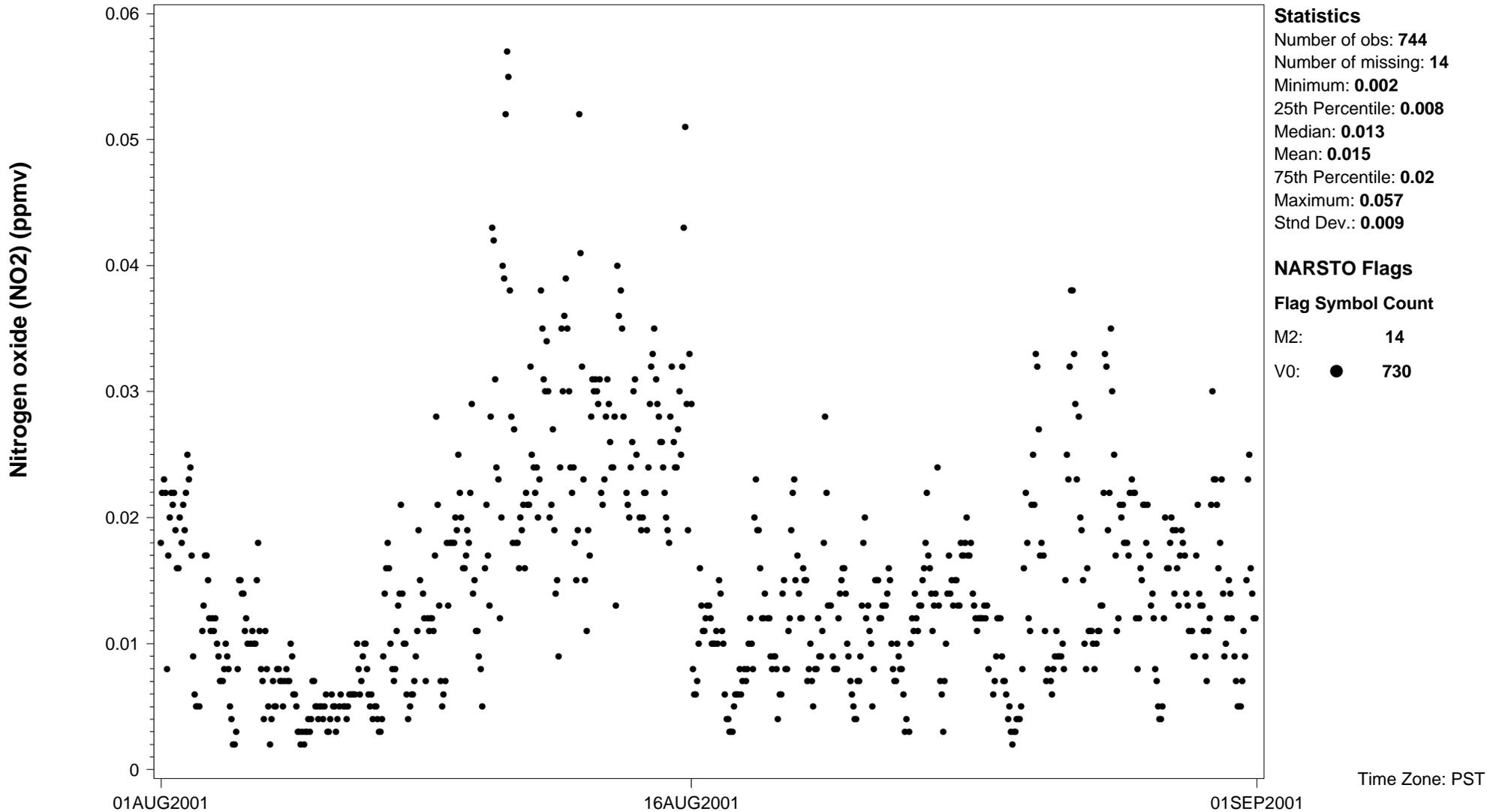


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



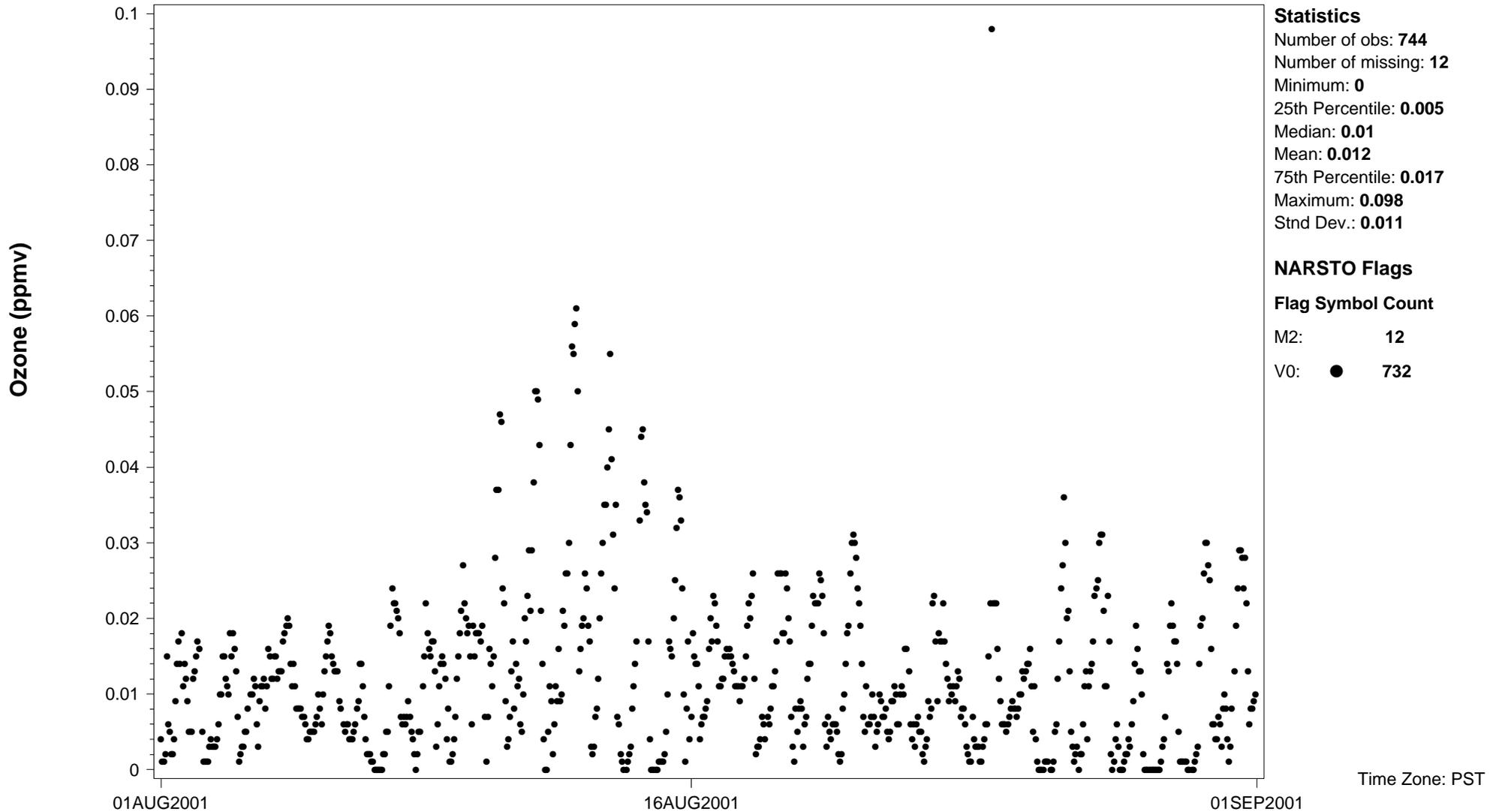
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



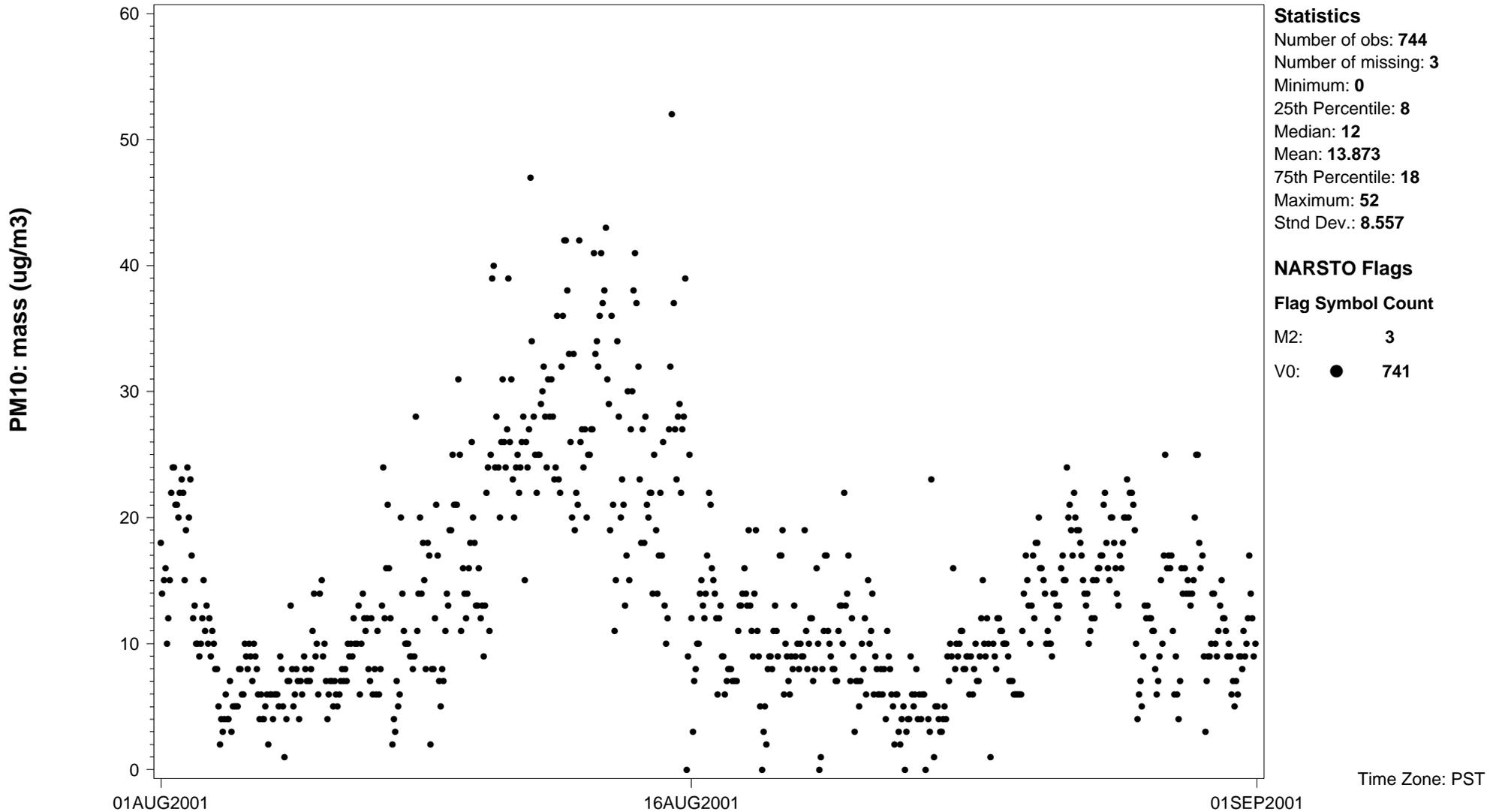
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

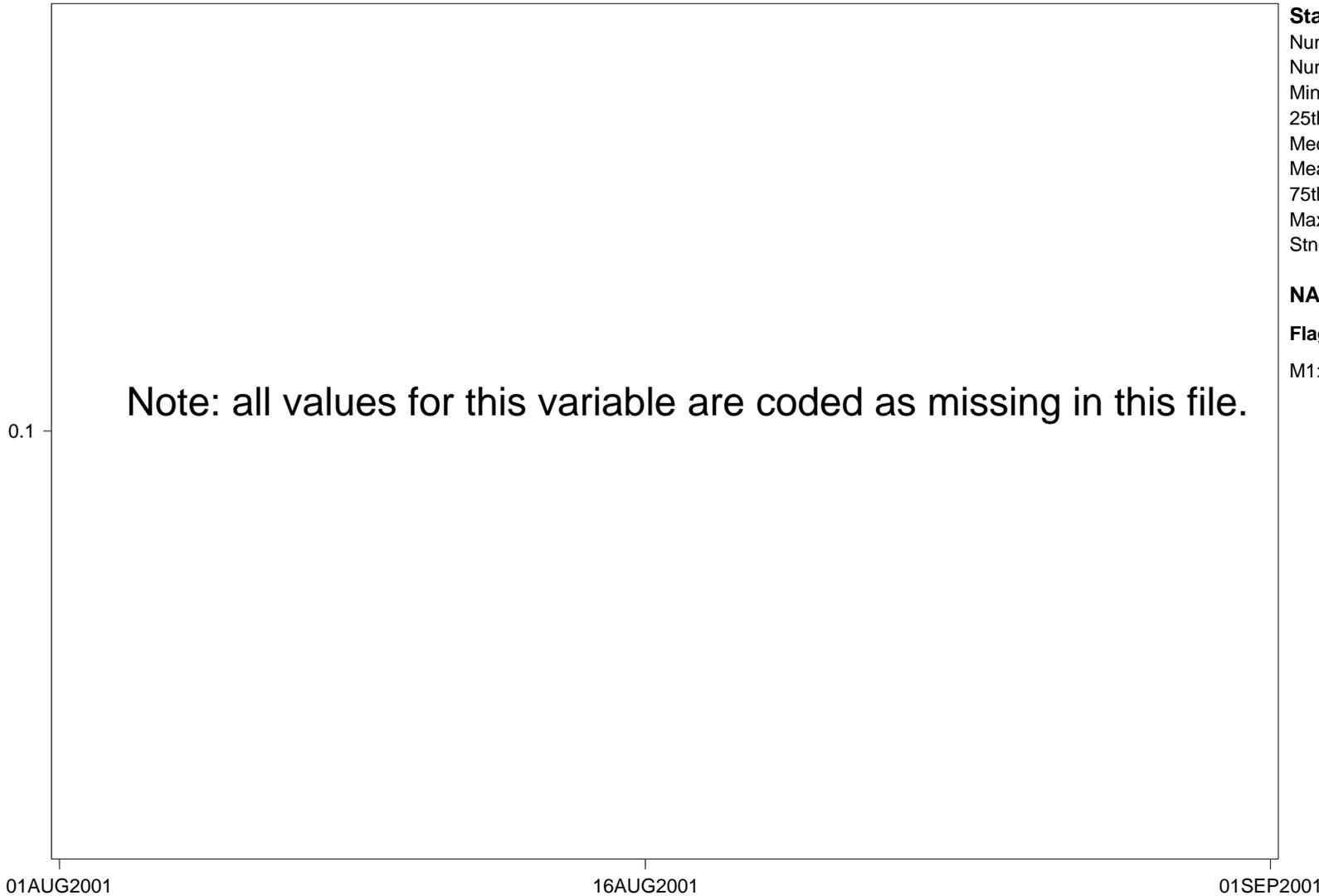


Site ID: **PC01CABCT004** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

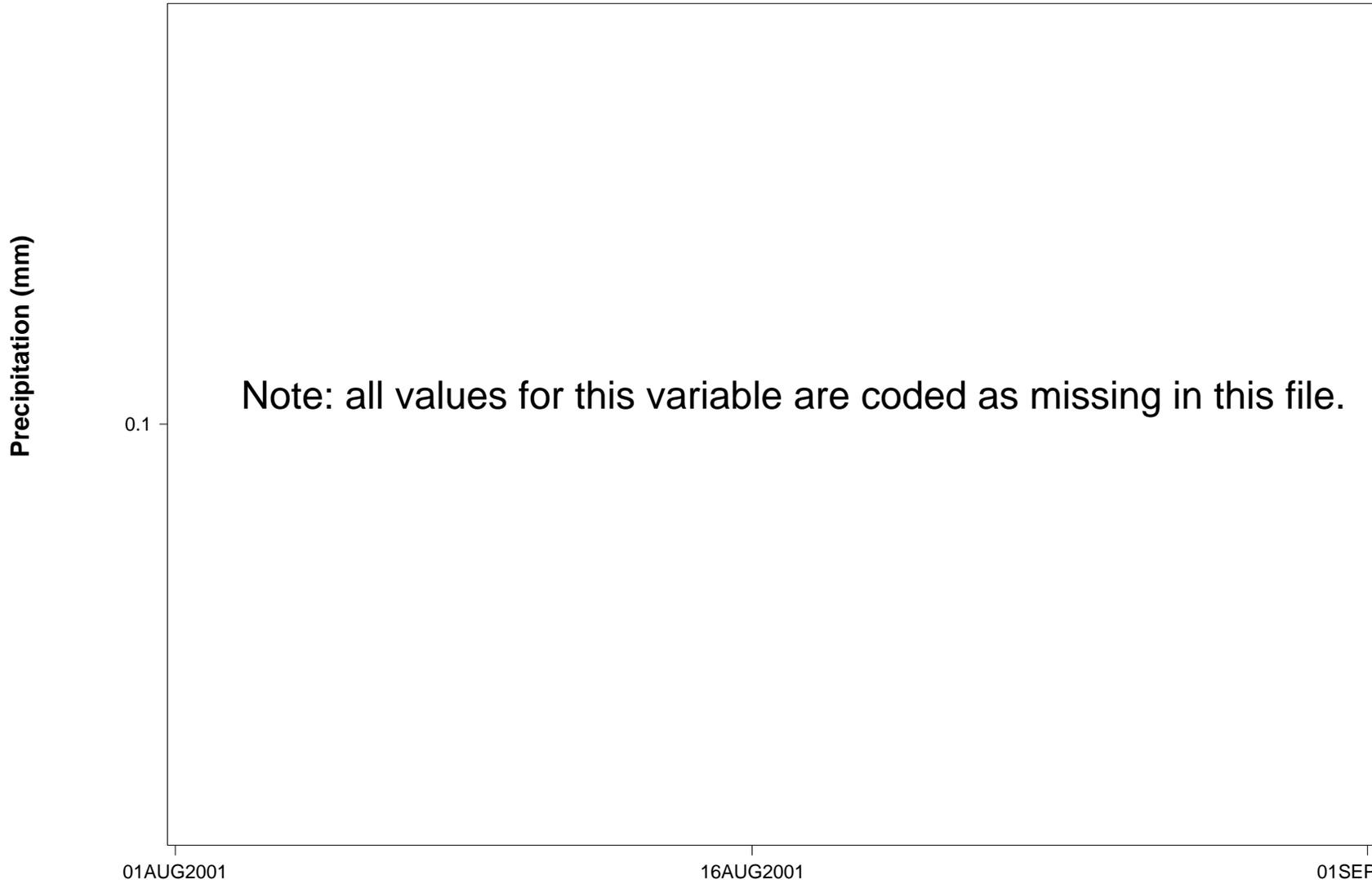
Note: all values for this variable are coded as missing in this file.

Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

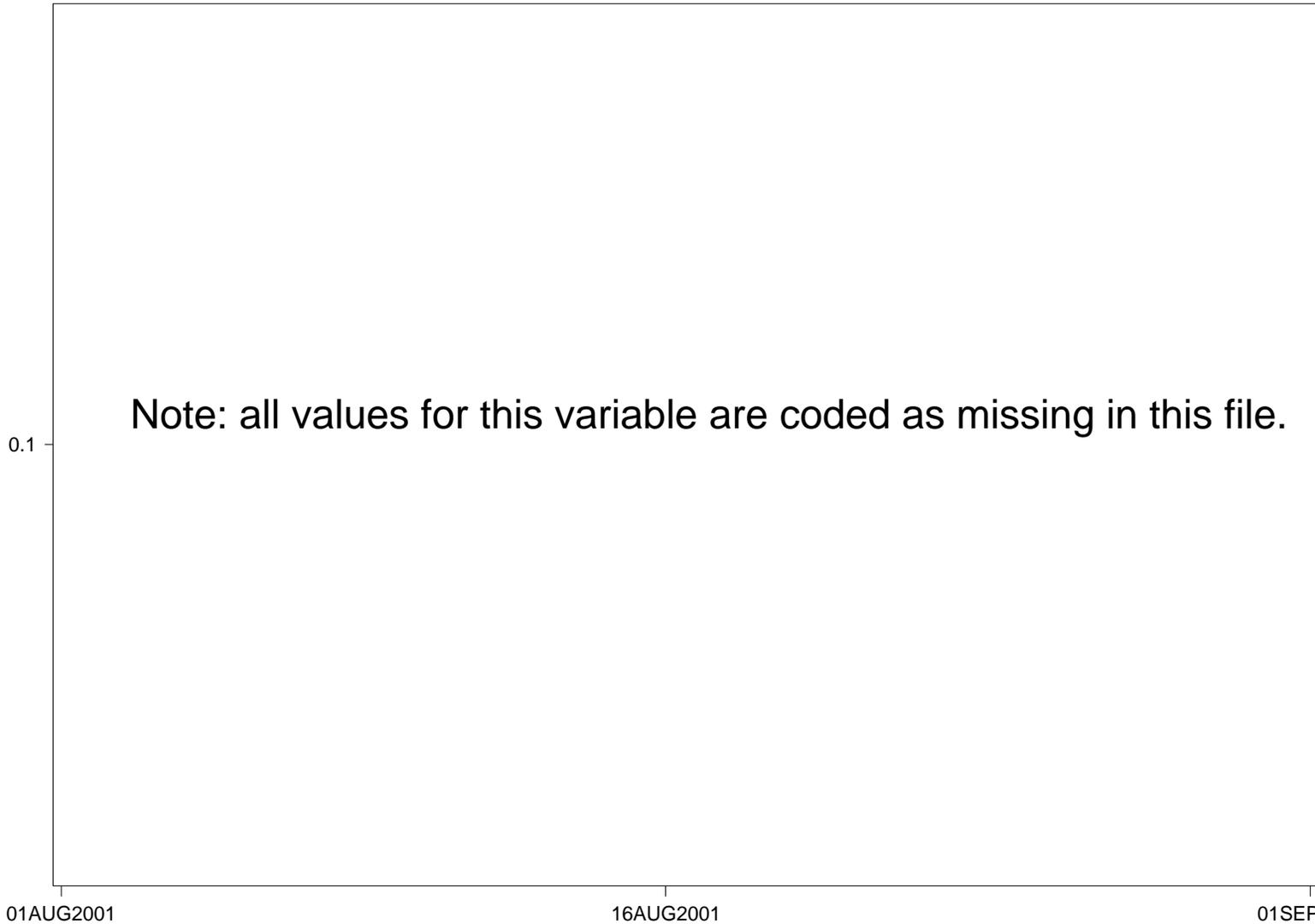
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

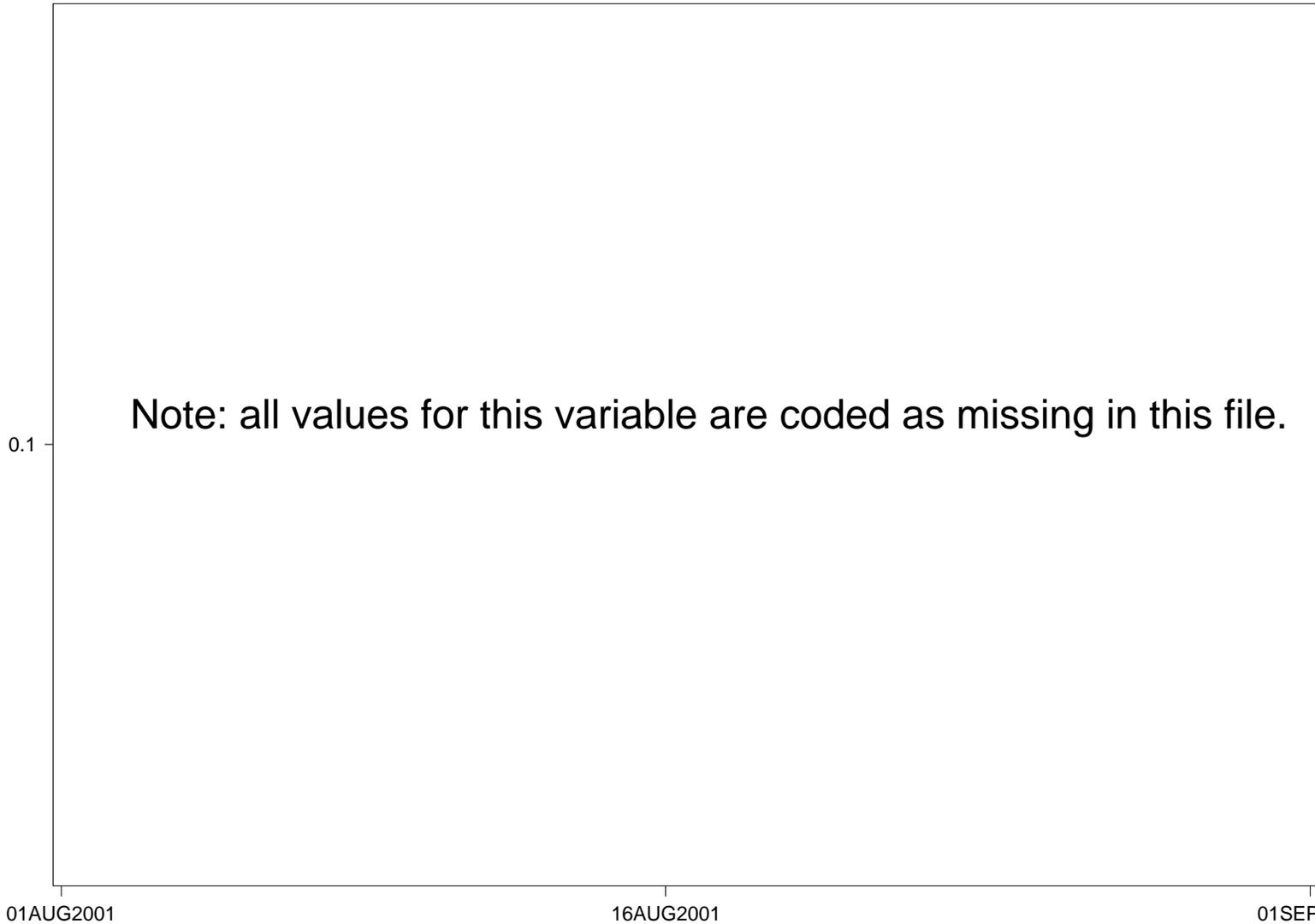
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT004** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

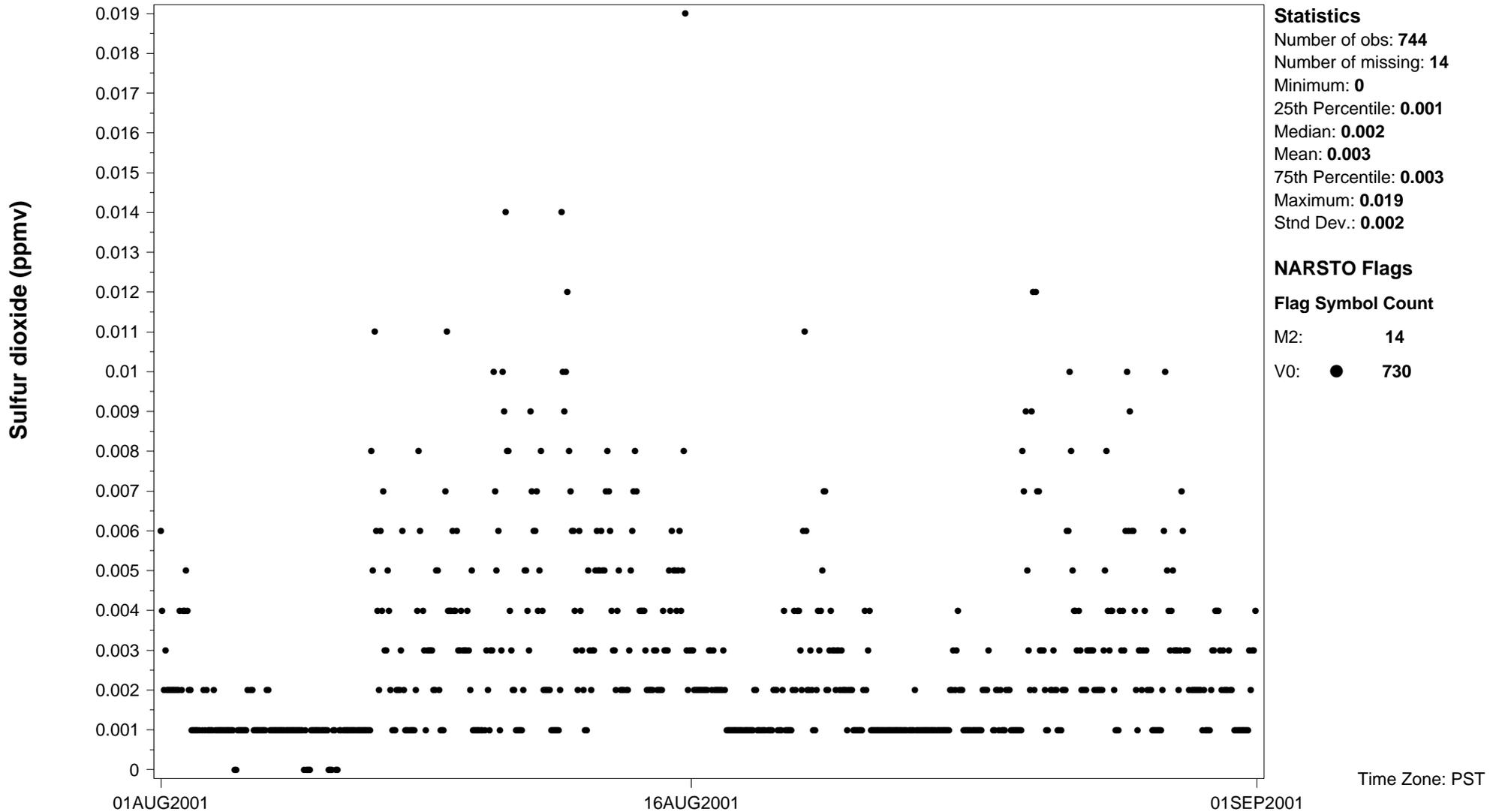
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



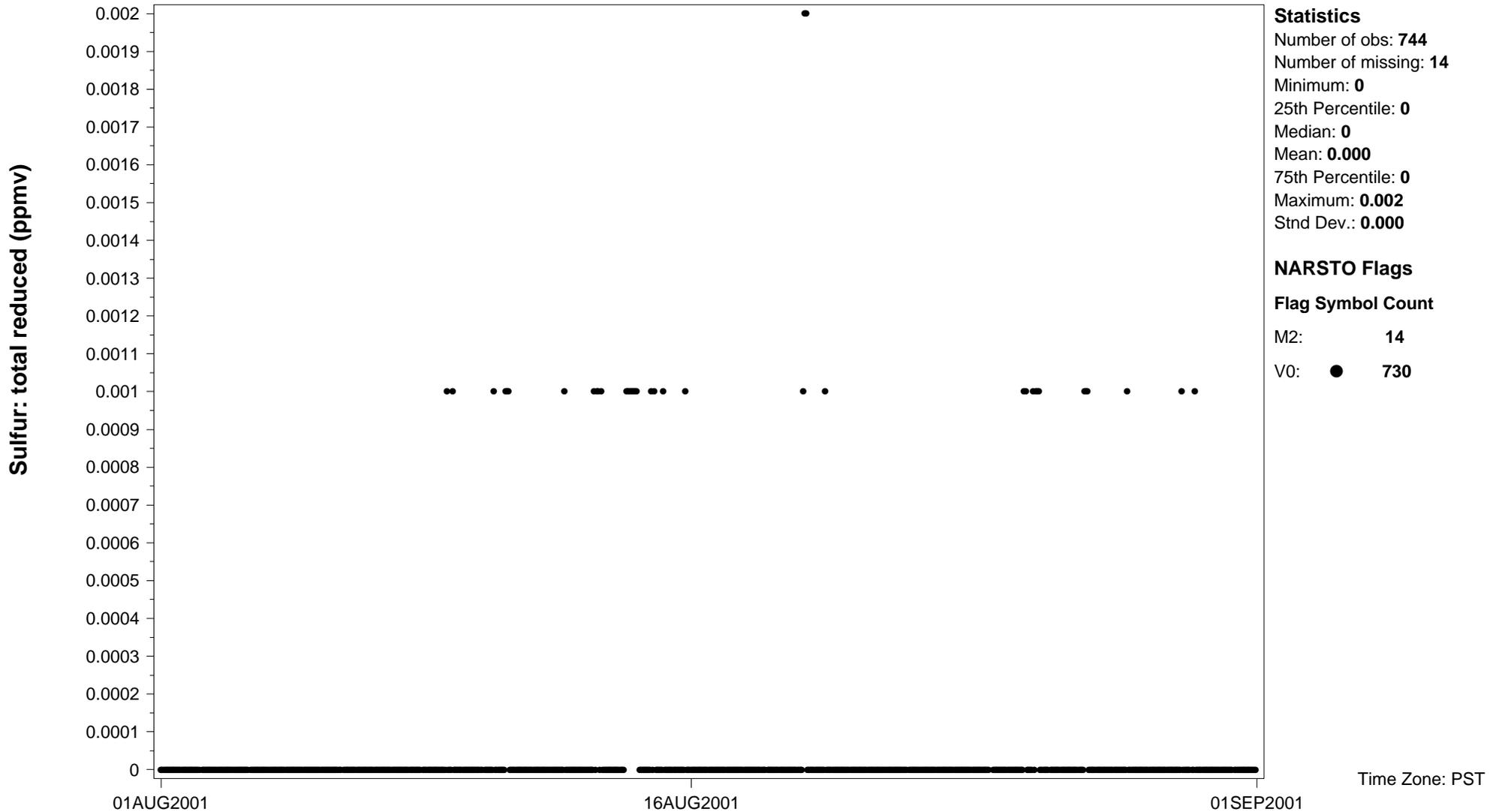
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

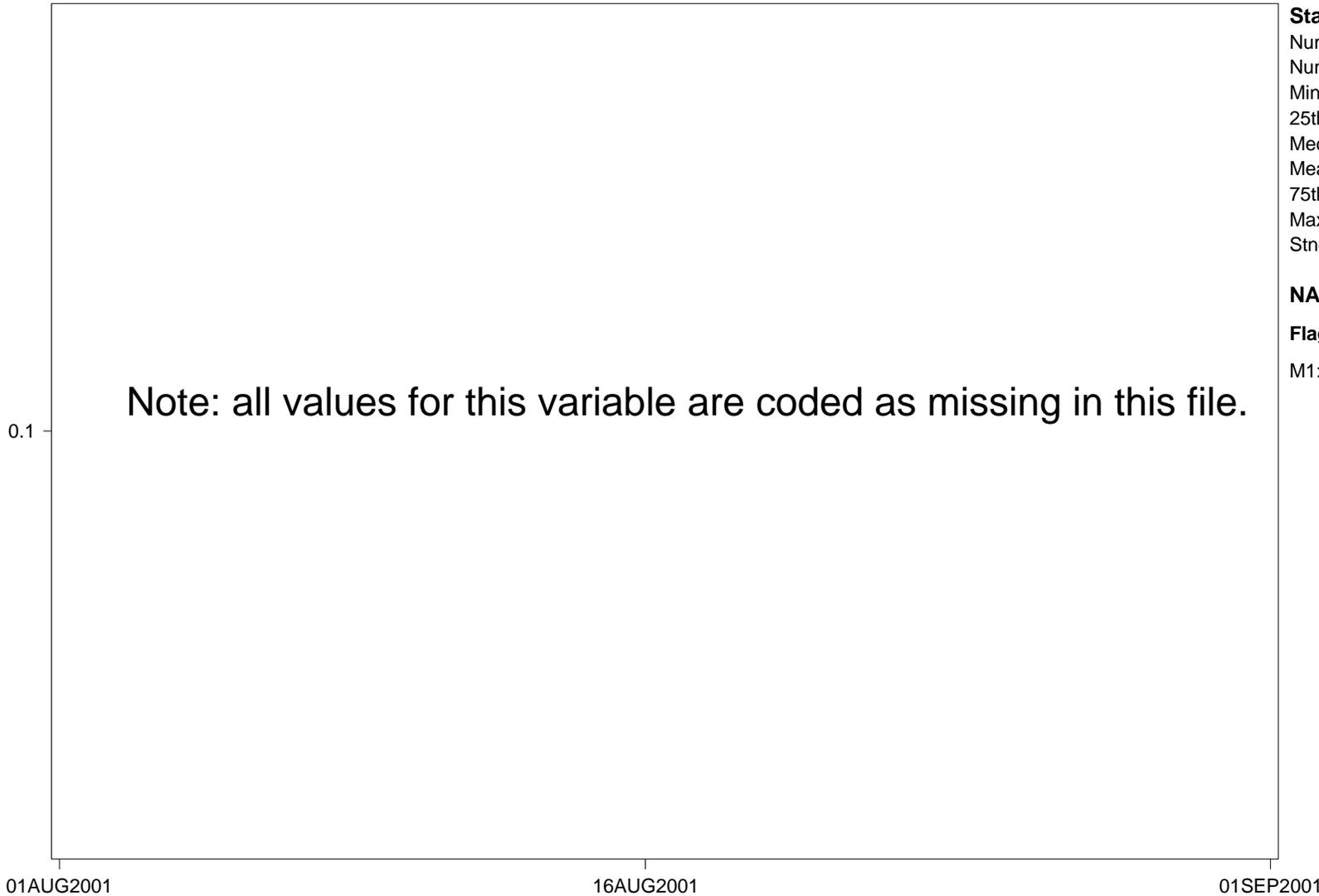


Site ID: **PC01CABCT004** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Temperature: air (deg C)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

# NAtChem Time Series Plot

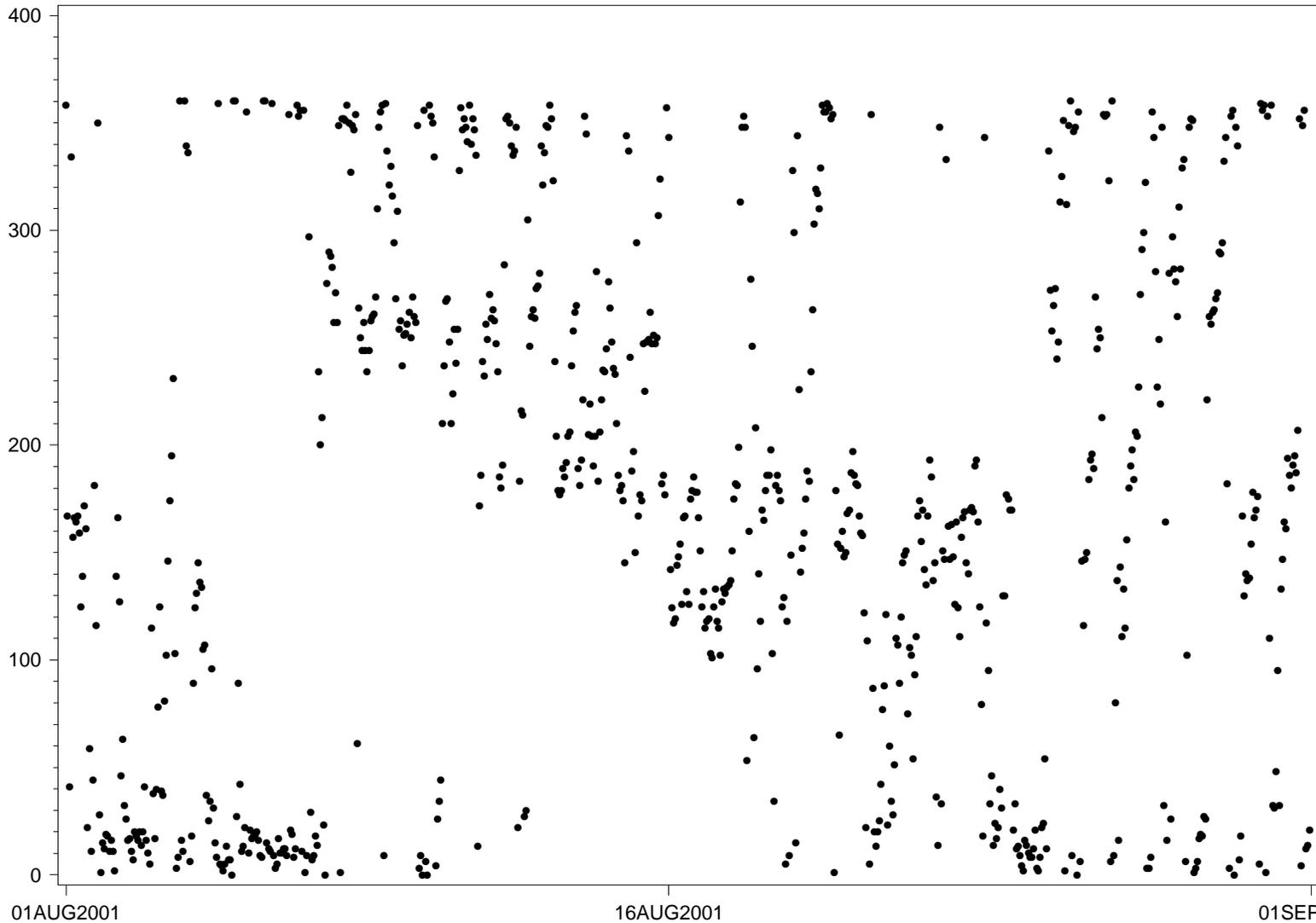
30SEP2004

Site ID: **PC01CABCT004** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Wind direction: horizontal mean scalar (decimal degree)



### Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **0**  
25th Percentile: **41**  
Median: **170**  
Mean: **170.996**  
75th Percentile: **263**  
Maximum: **360**  
Std Dev.: **118.470**

### NARSTO Flags

Flag Symbol Count  
V0: ● **744**

Time Zone: PST

# NATchem Time Series Plot

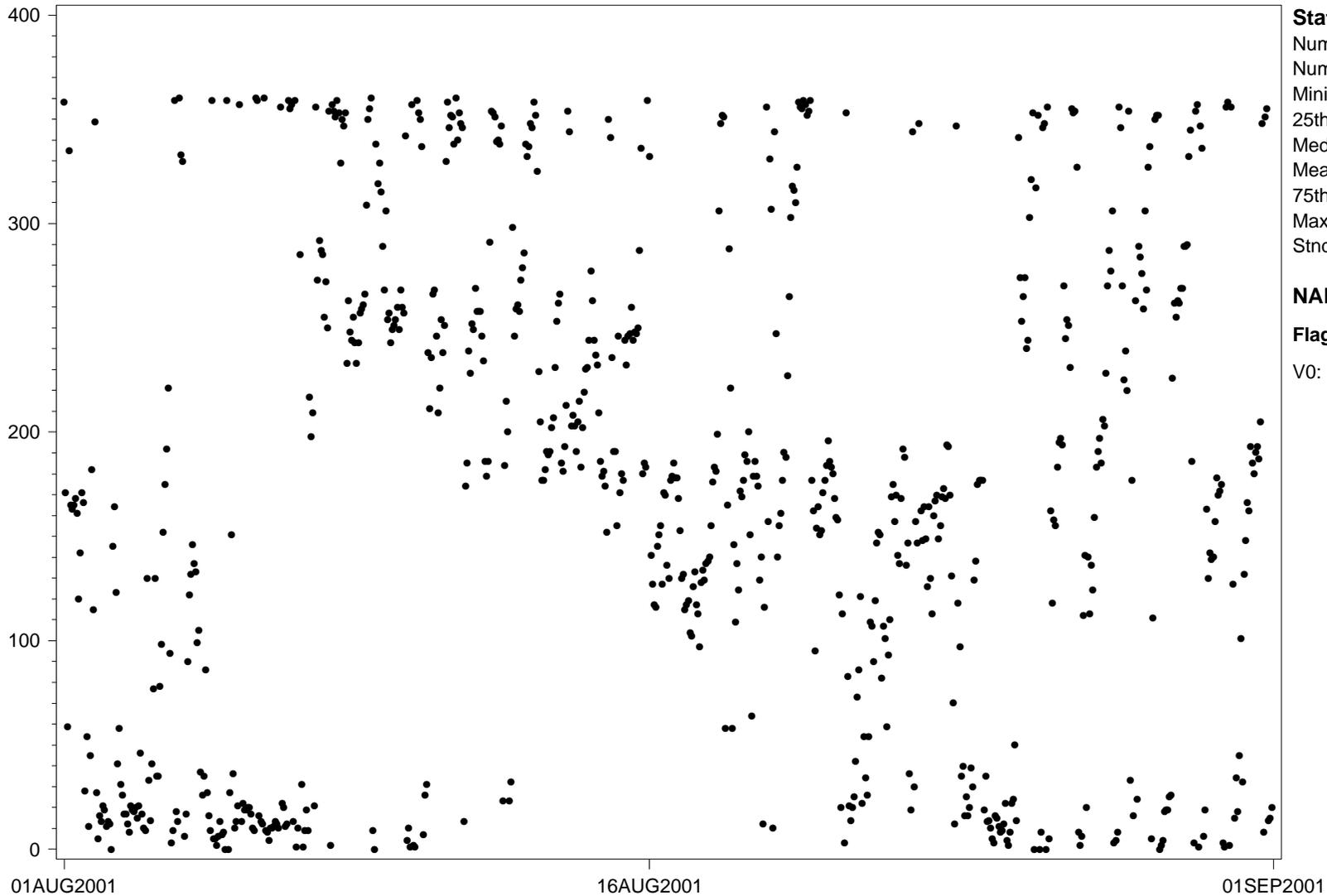
30SEP2004

Site ID: **PC01CABCT004** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**

Wind direction: horizontal resultant mean vector (decimal degree)



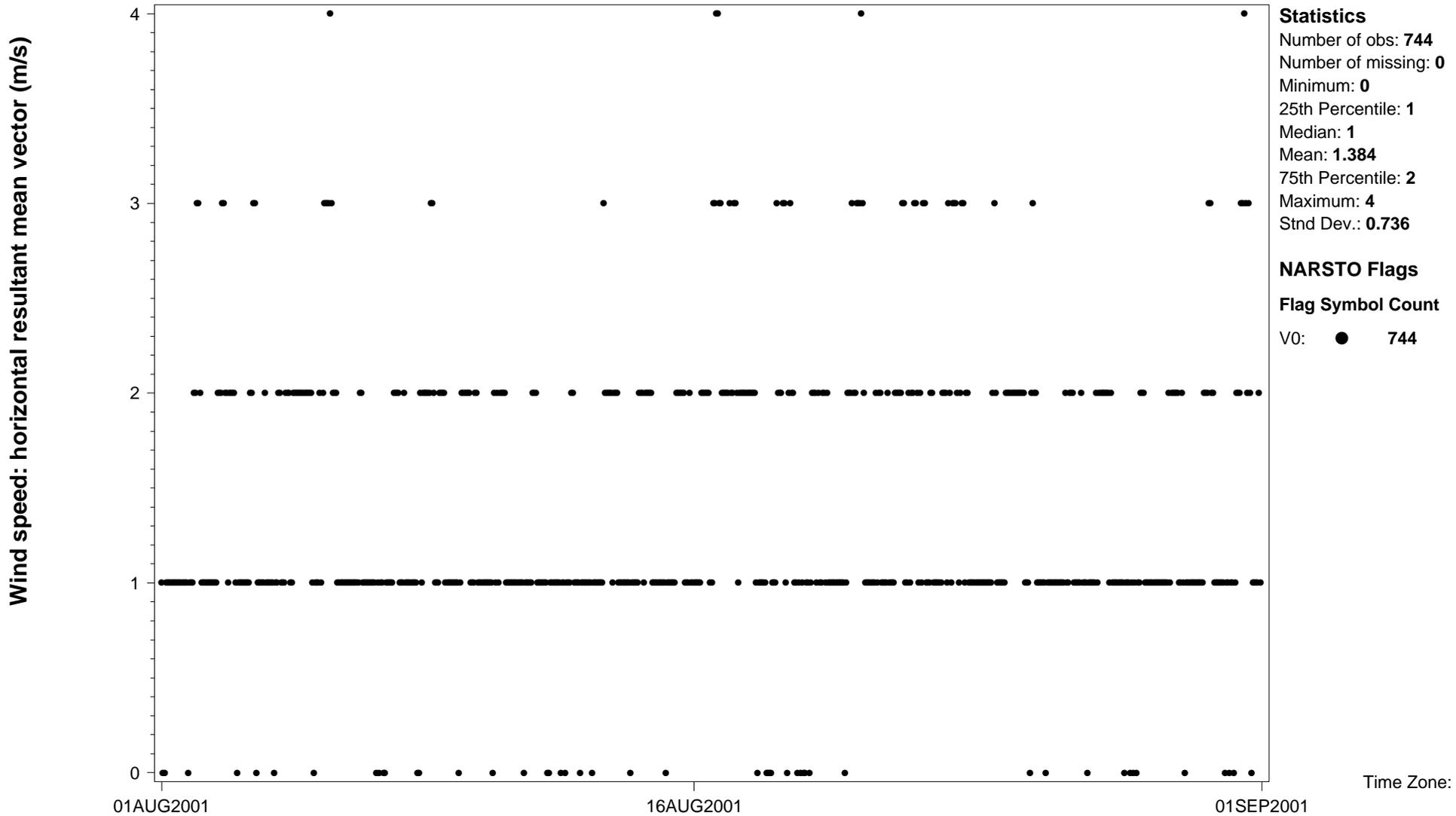
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



Time Zone: PST

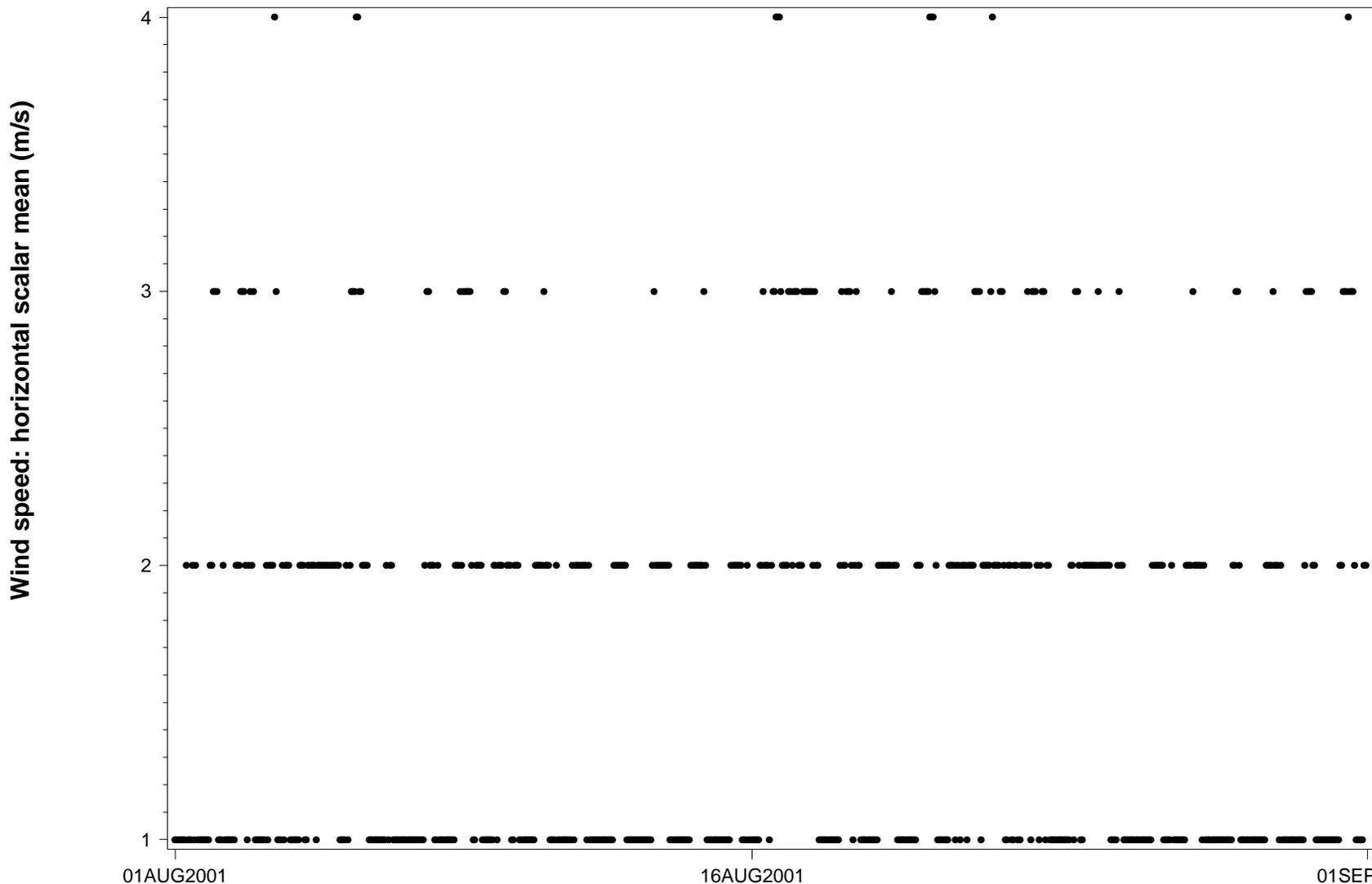
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT004** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **KENSINGTON PARK - 6400 E. HASTINGS STREET - BURNABY, British Columbia** Latitude: **49.27944444 deg.** Longitude: **-122.97111111 deg.** Start Date: **9999-12-3**



**Statistics**  
Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **1**  
Median: **1**  
Mean: **1.629**  
75th Percentile: **2**  
Maximum: **4**  
Std Dev.: **0.744**

**NARSTO Flags**  
Flag Symbol Count  
V0: ● **744**

Time Zone: PST

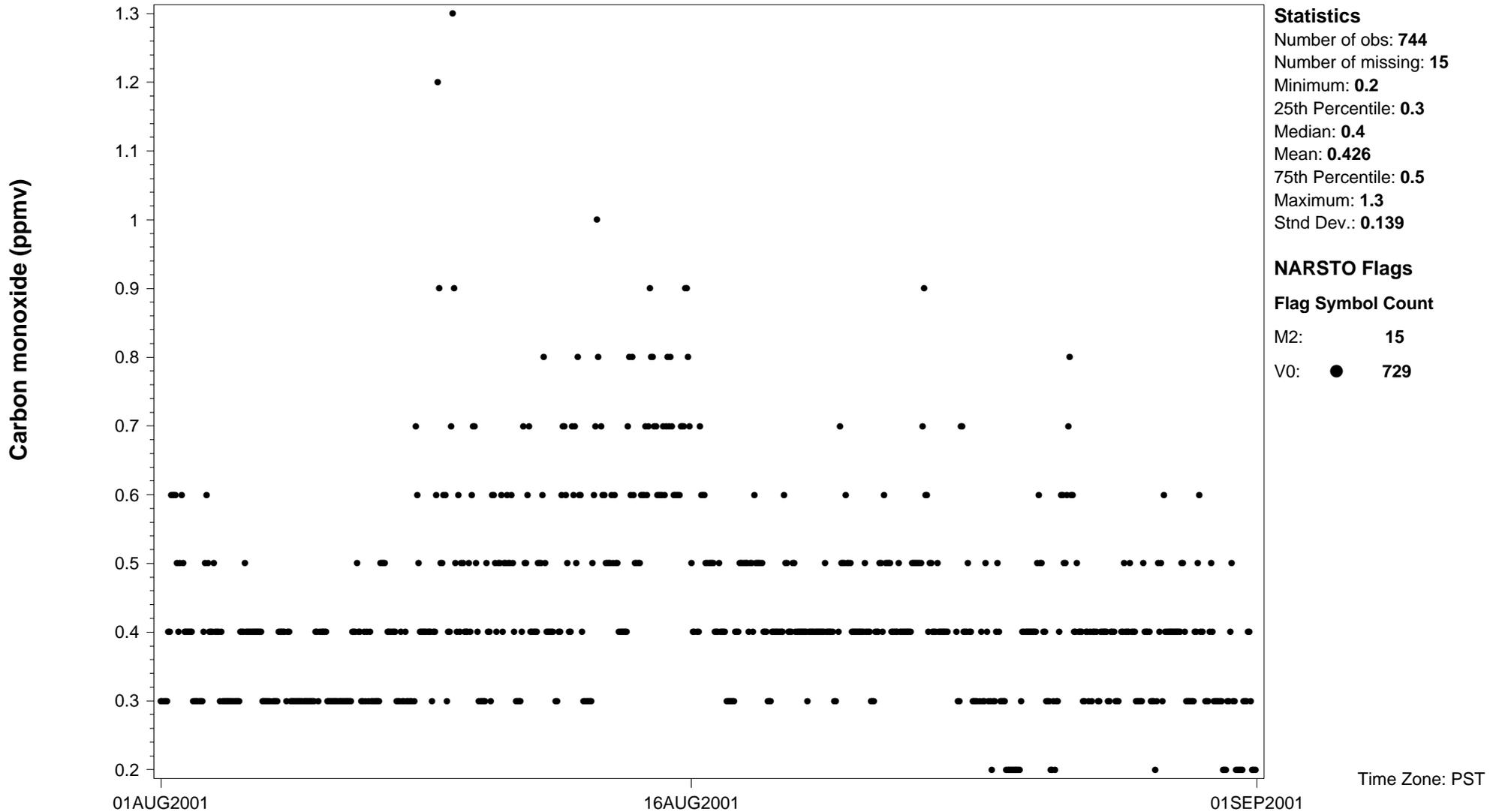
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

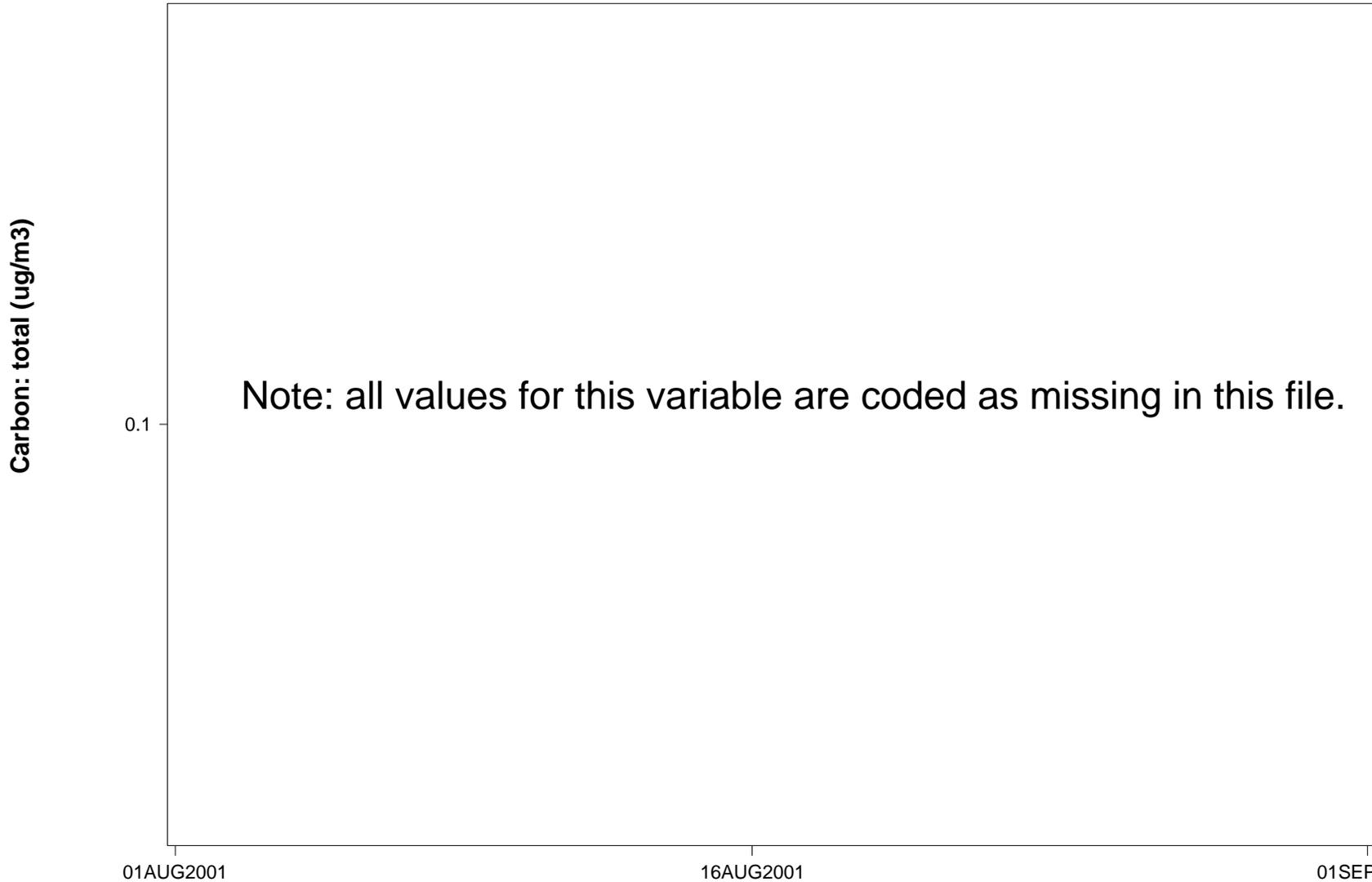
Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



Site ID: **PC01CABCT006** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

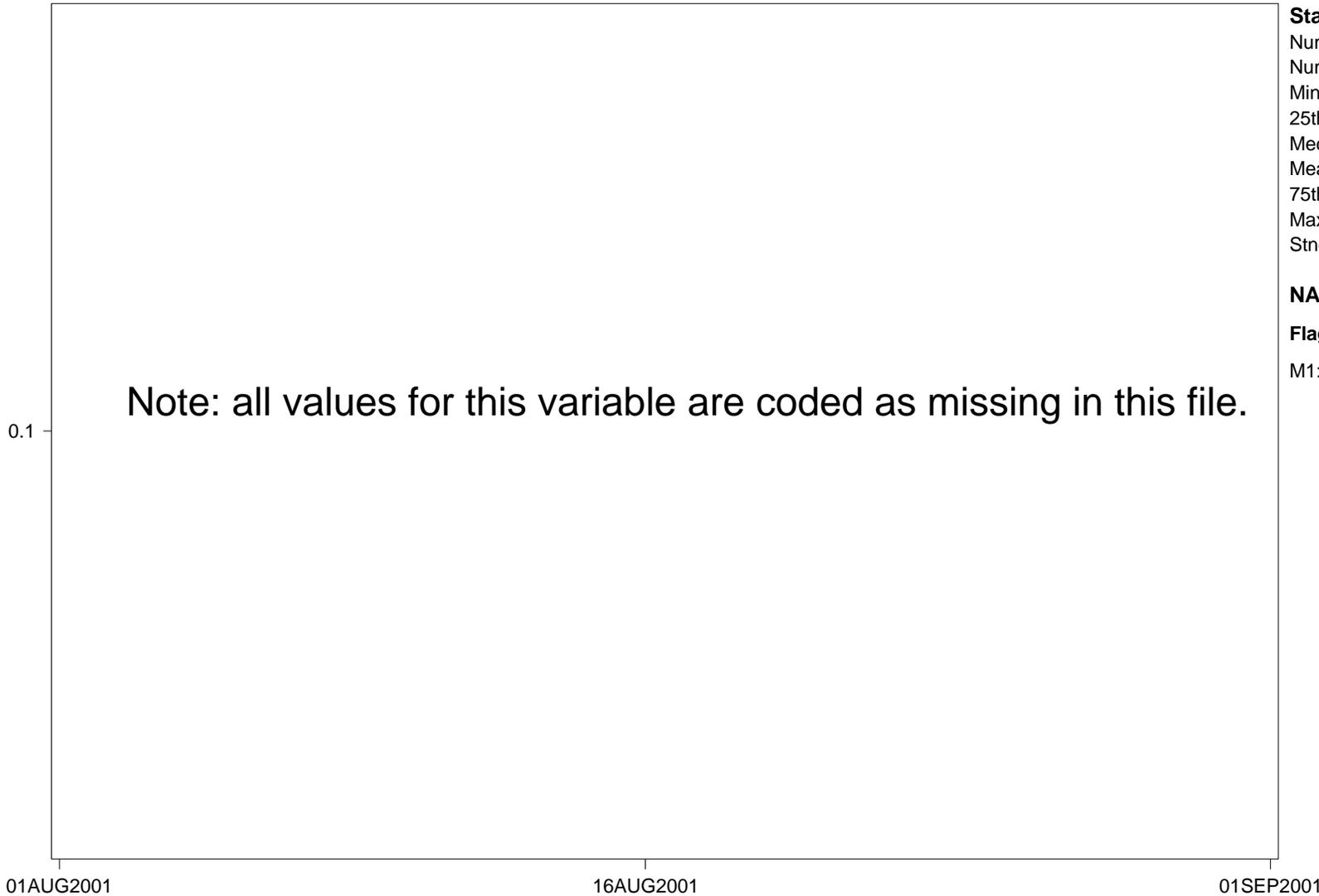
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

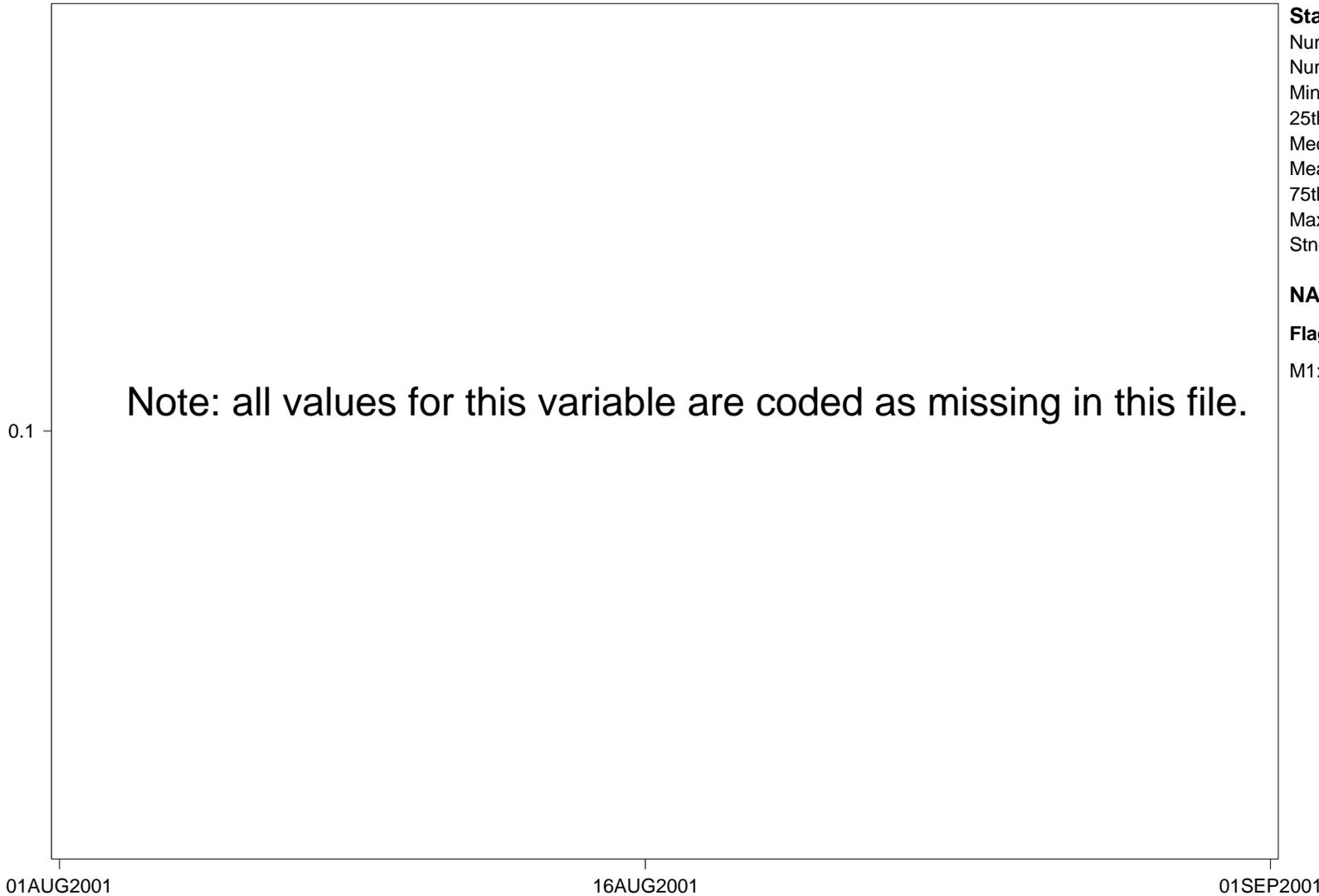
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

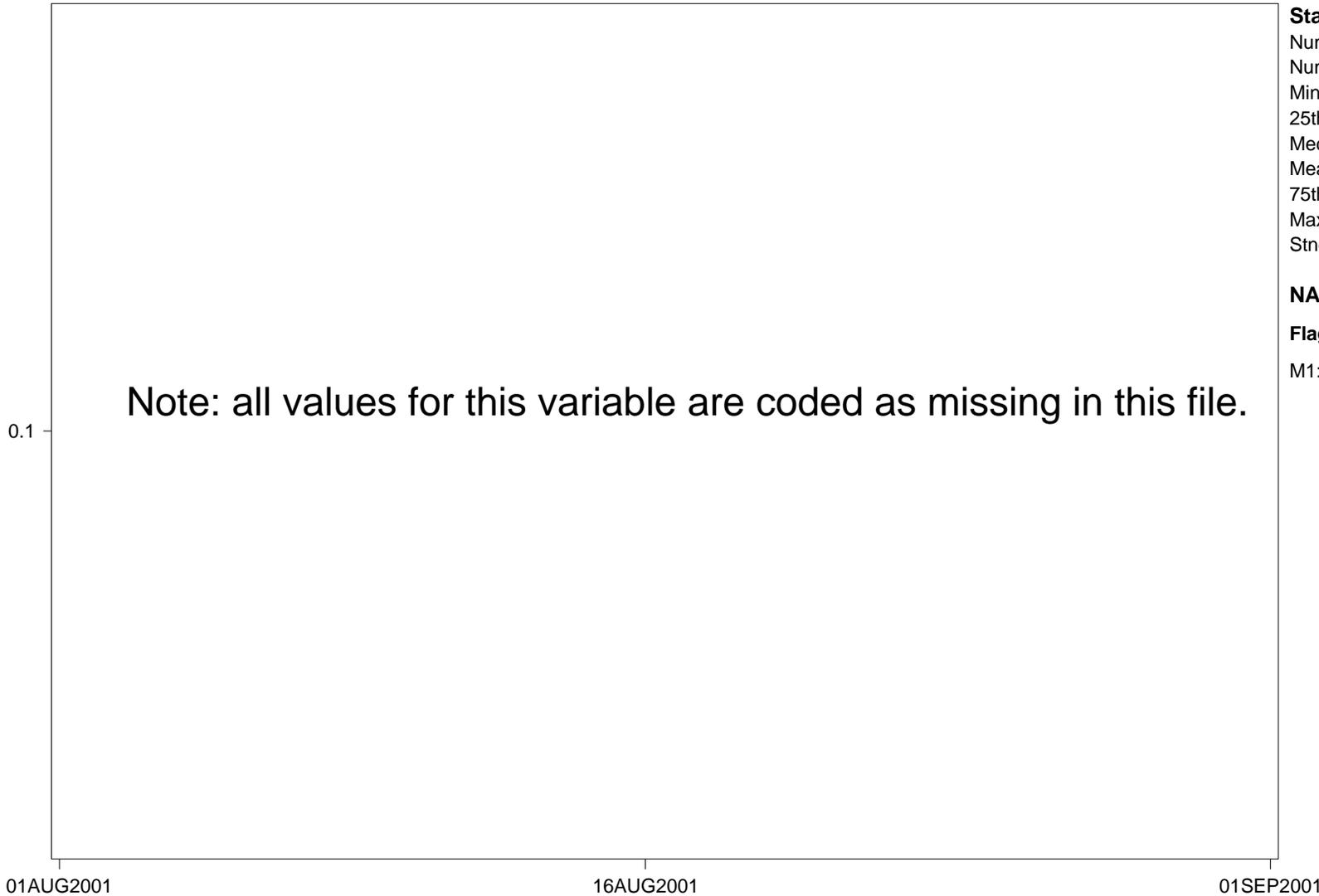
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

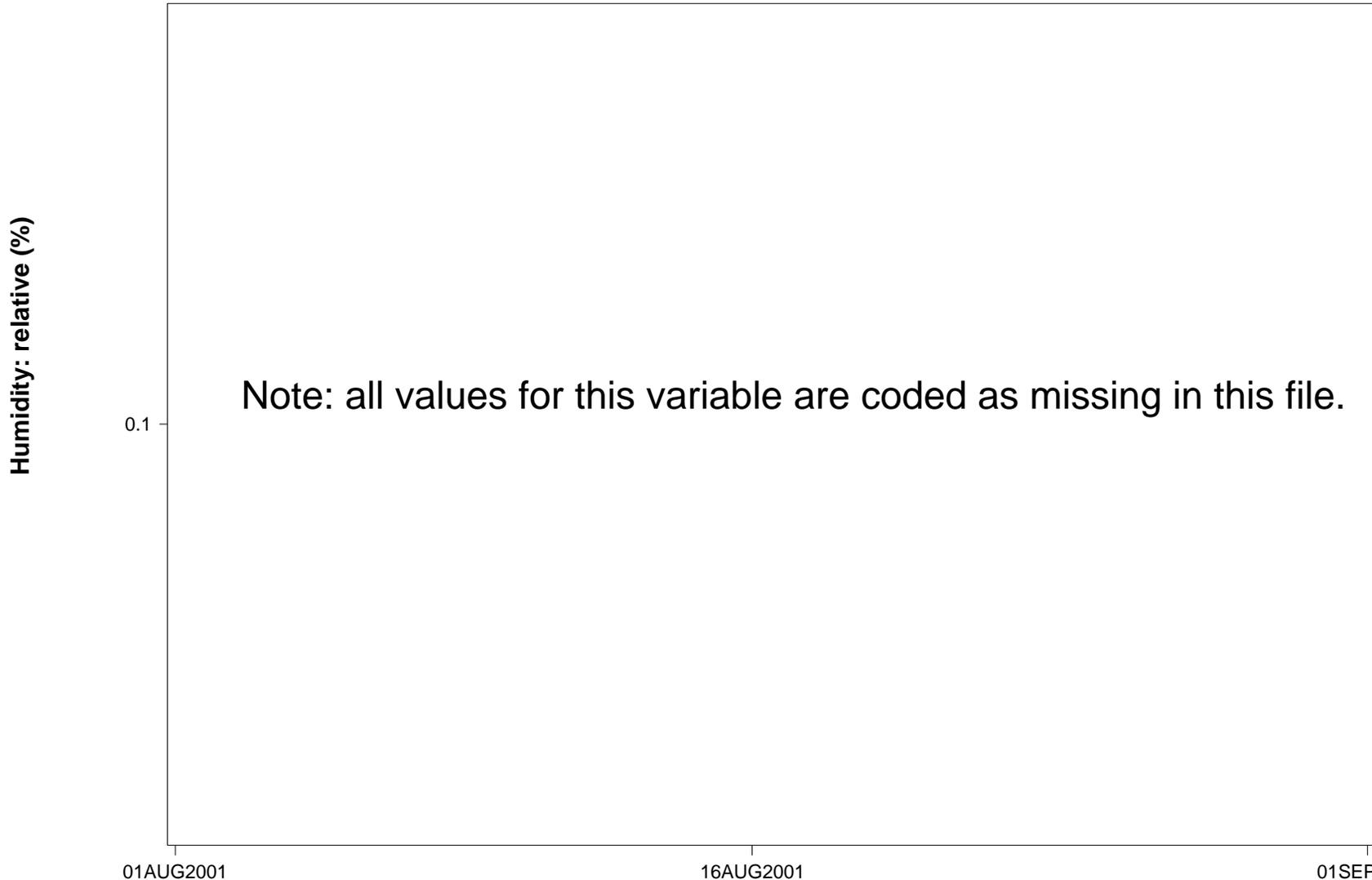
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

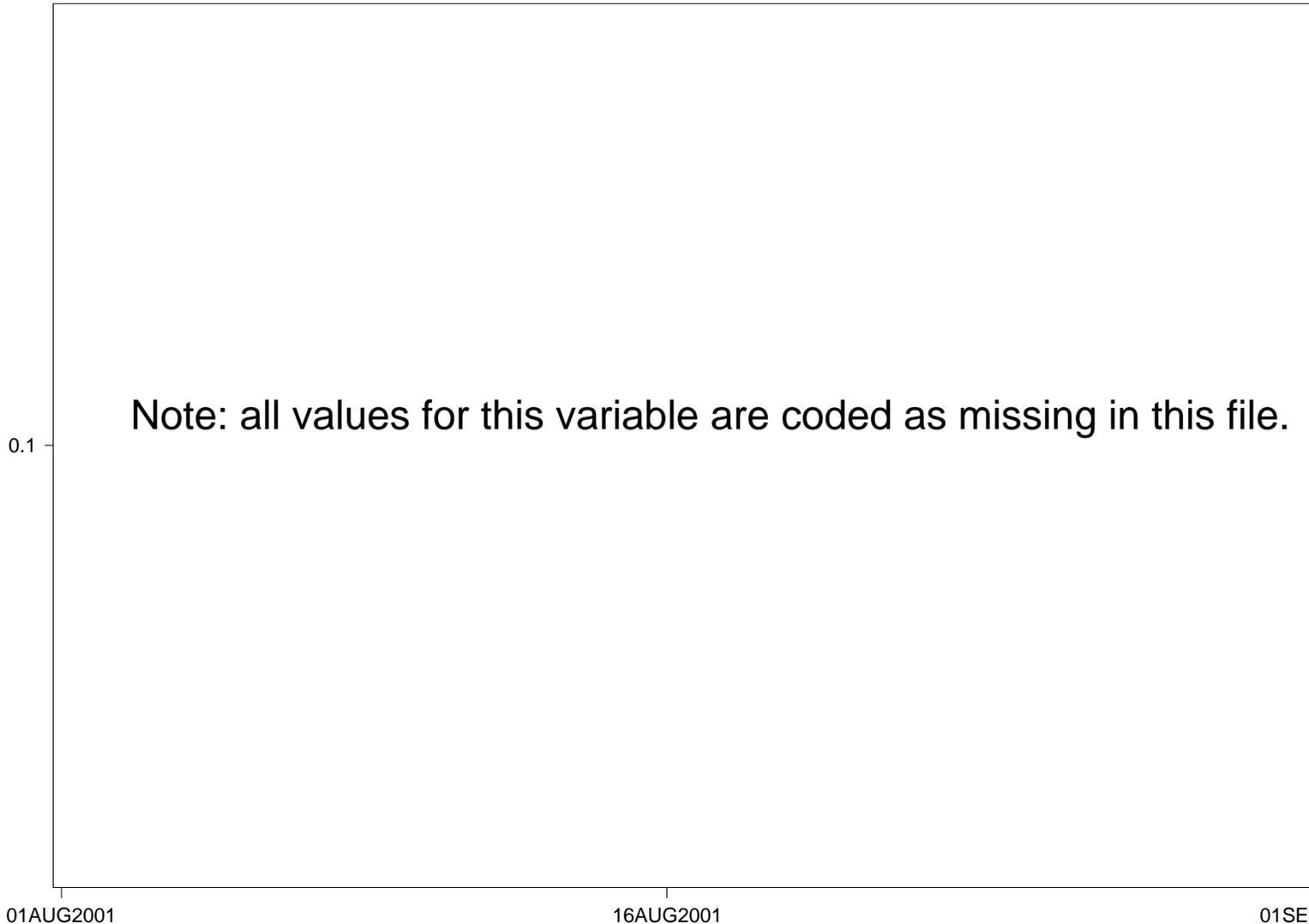
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

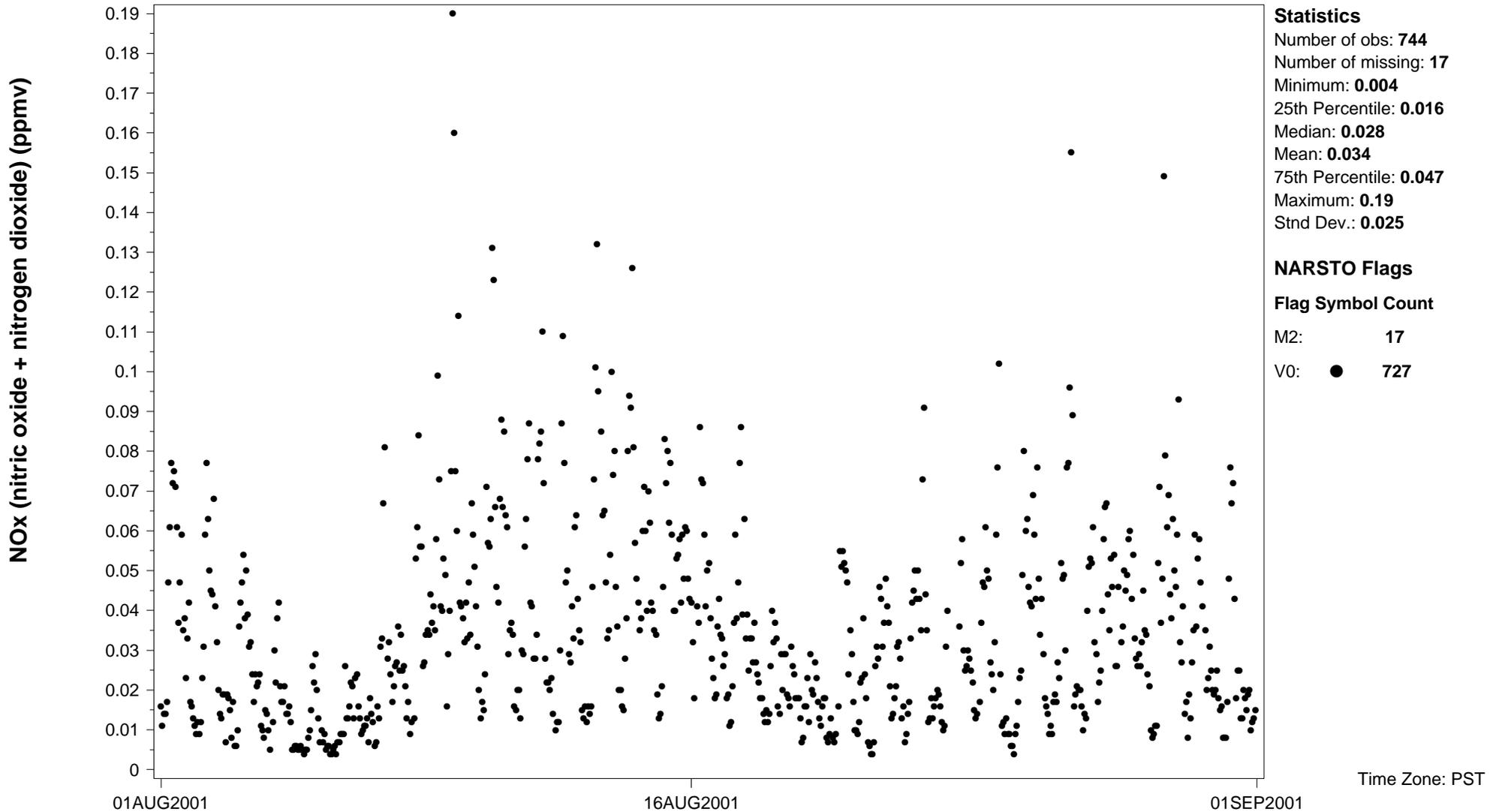
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



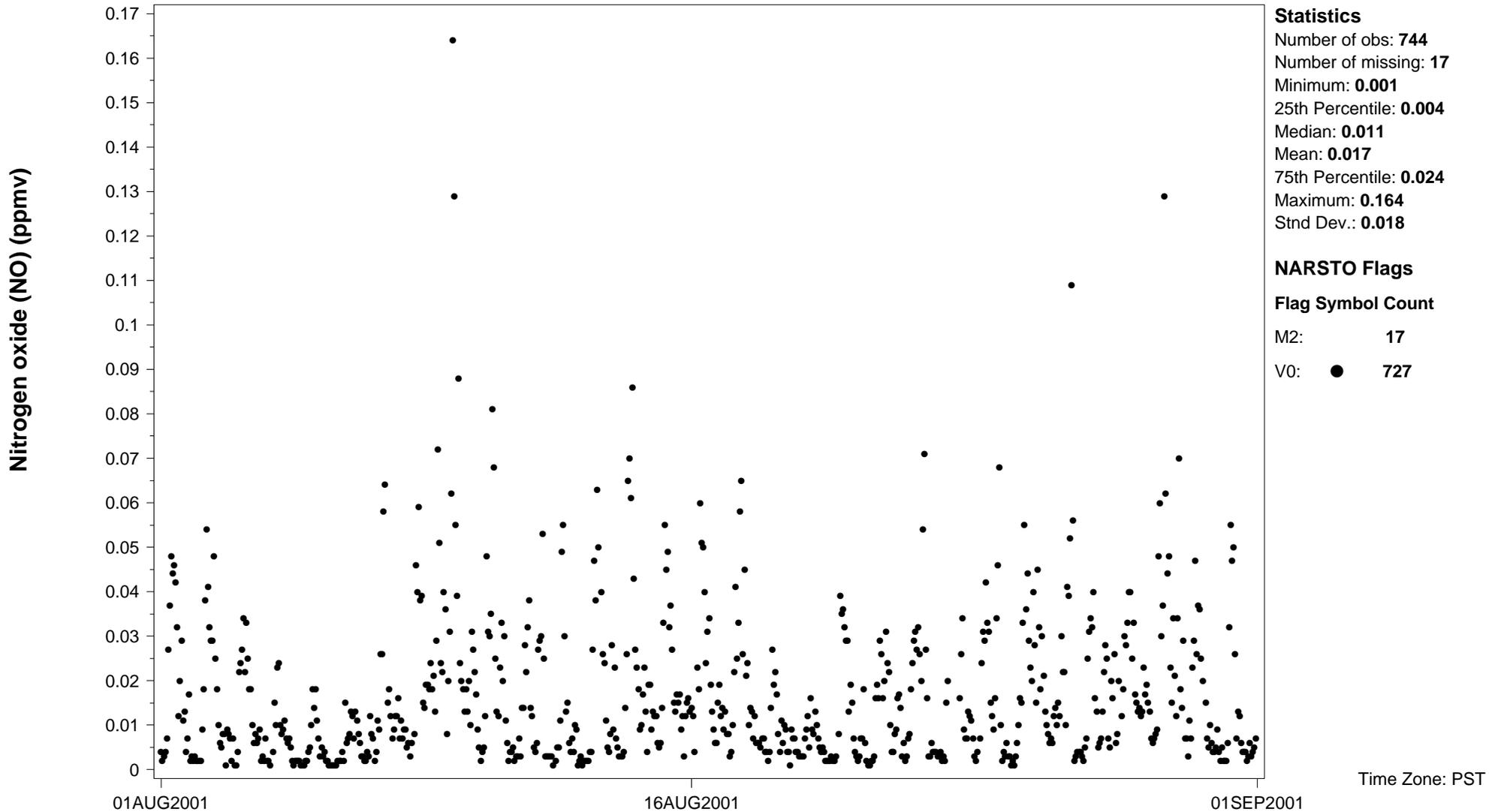
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.3022222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

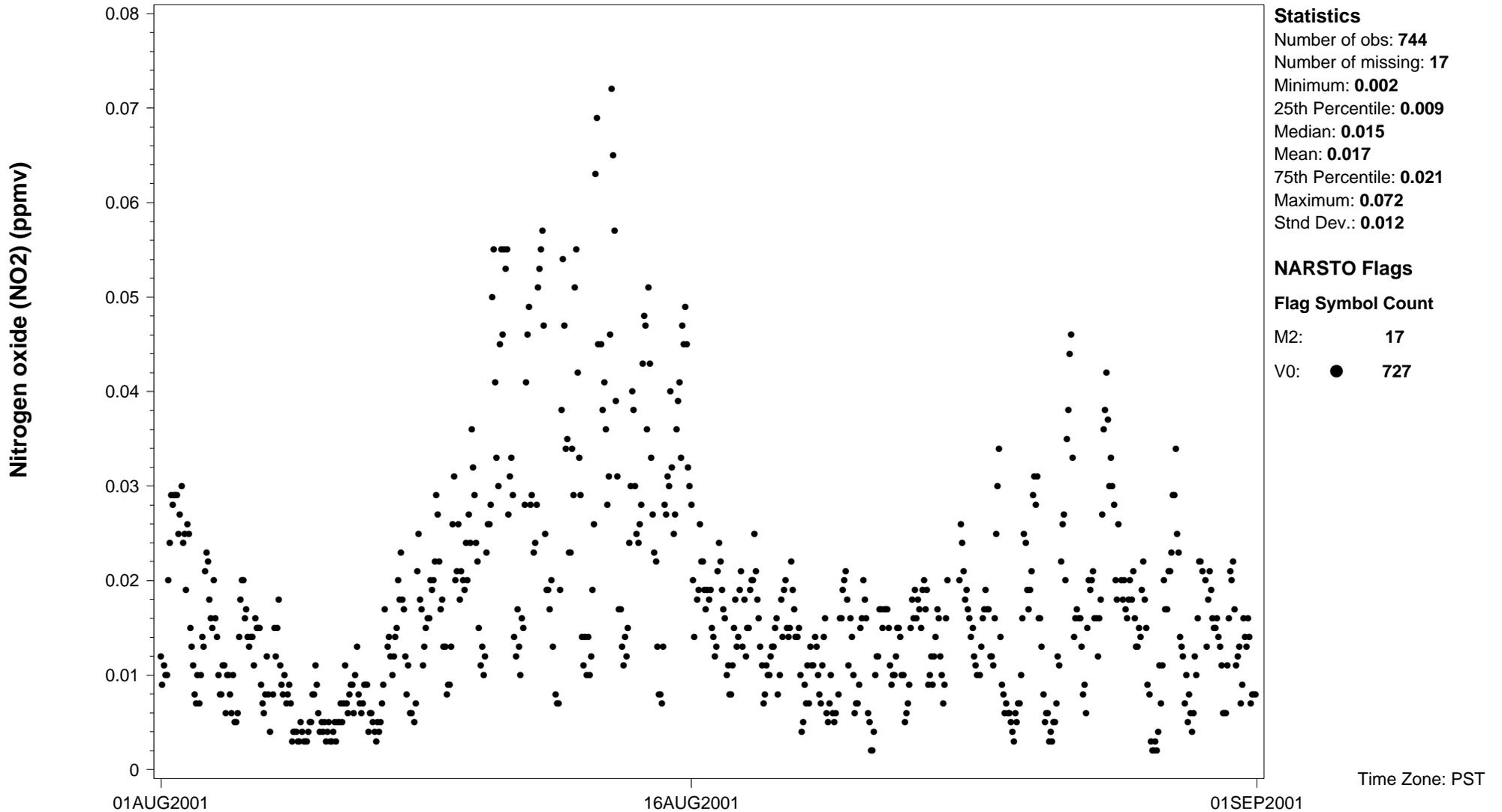


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



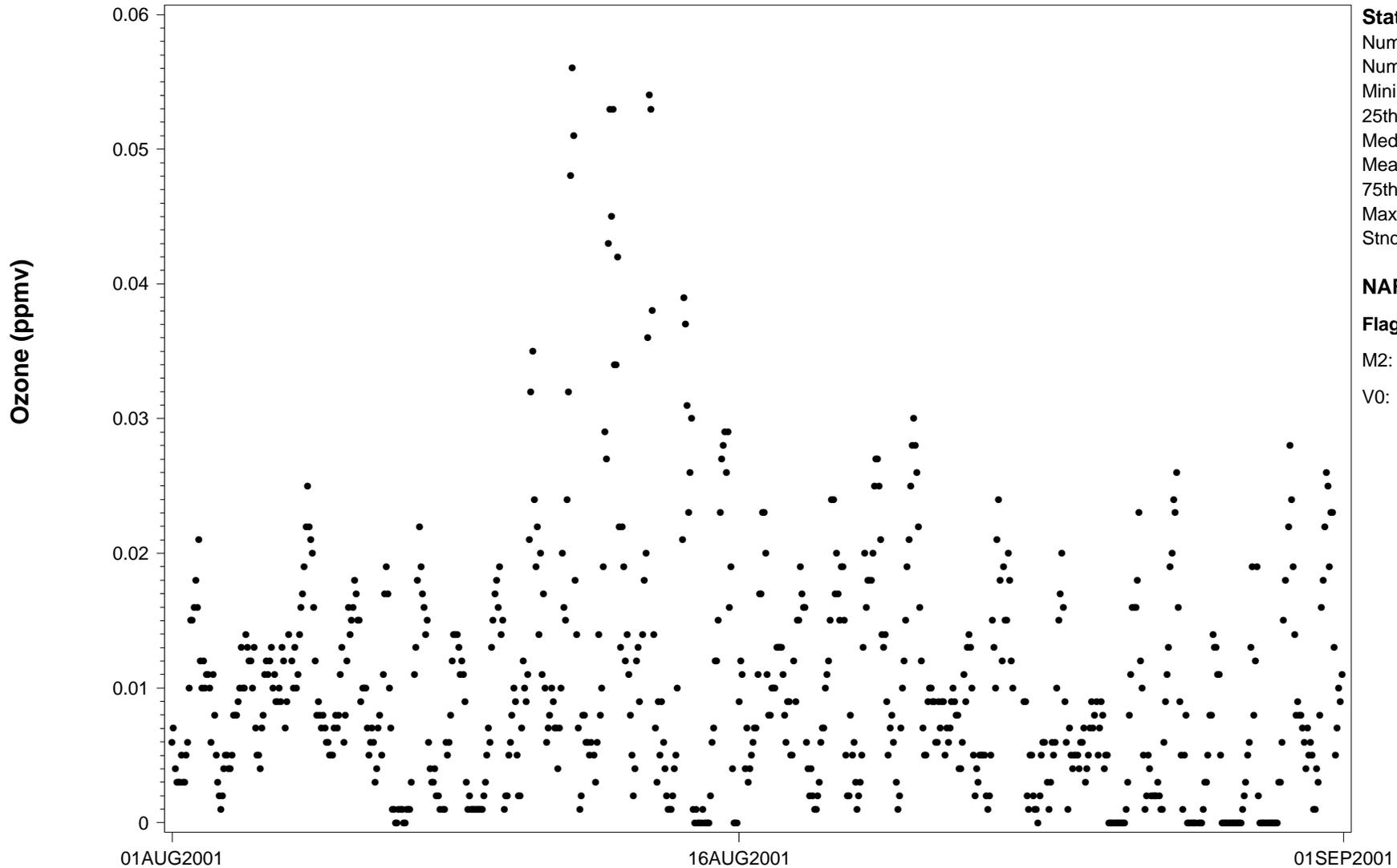
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.3022222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



**Statistics**

Number of obs: **744**  
 Number of missing: **18**  
 Minimum: **0**  
 25th Percentile: **0.004**  
 Median: **0.008**  
 Mean: **0.010**  
 75th Percentile: **0.014**  
 Maximum: **0.056**  
 Std Dev.: **0.009**

**NARSTO Flags**

**Flag Symbol Count**

M2: **18**  
 V0: ● **726**

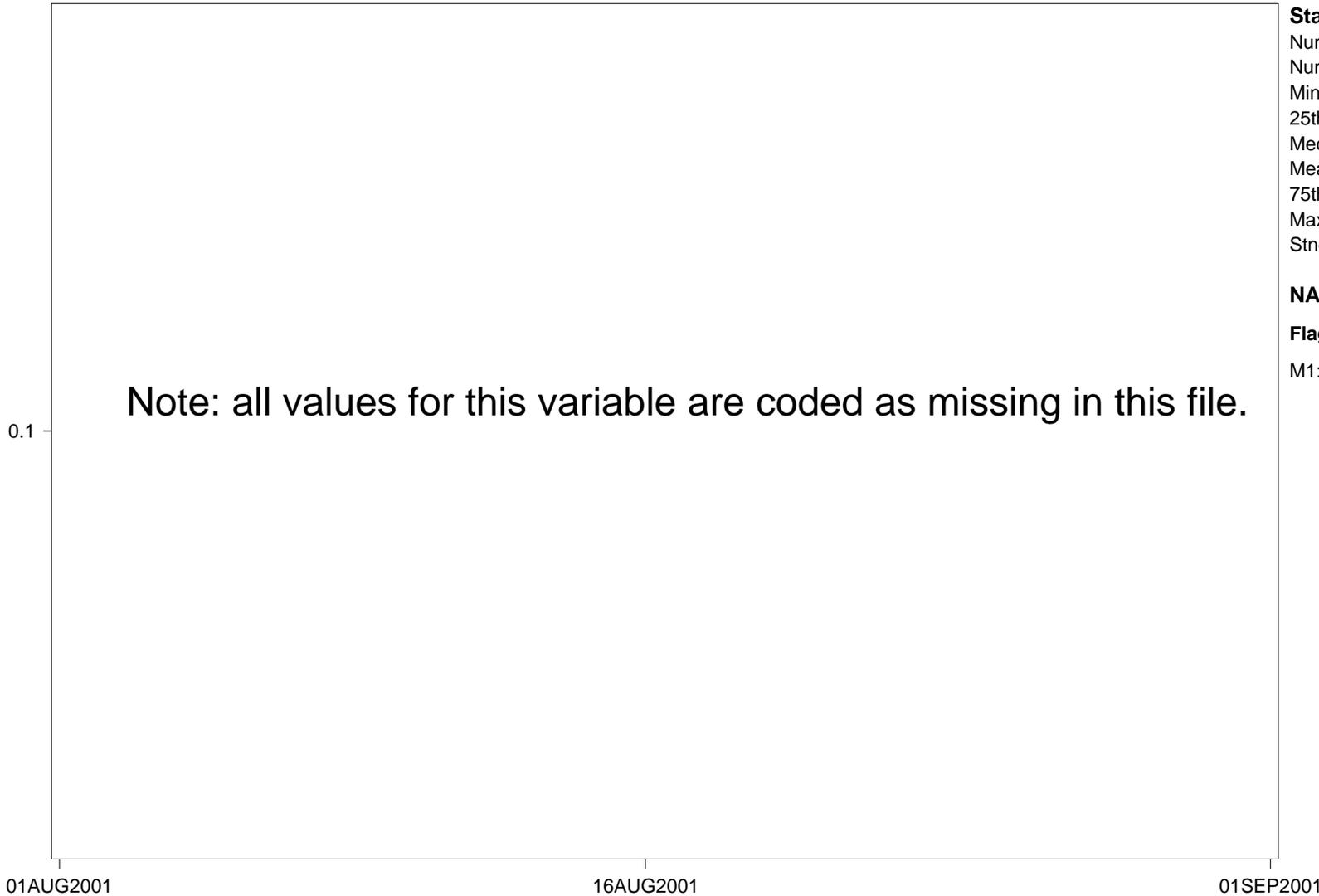
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

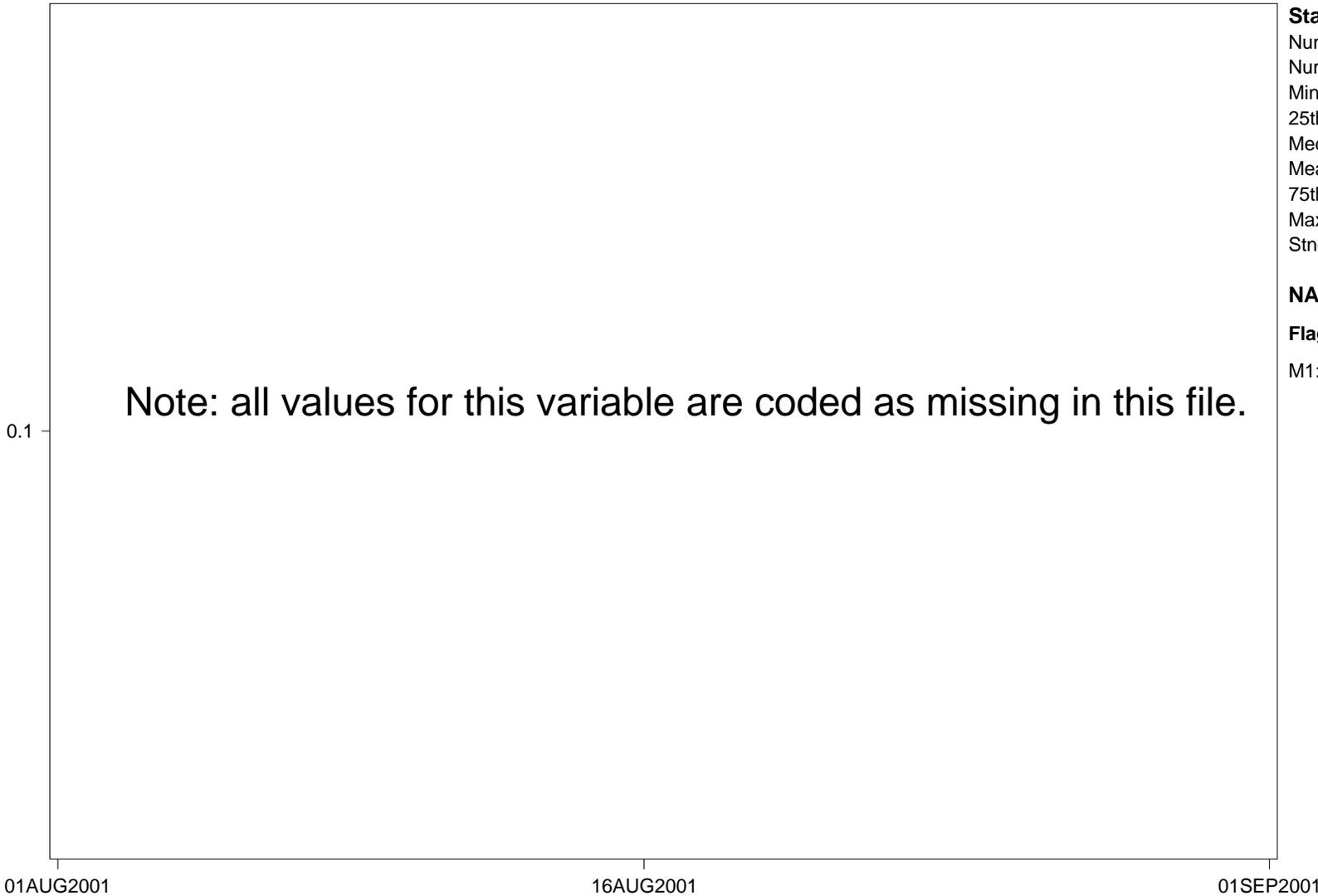
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

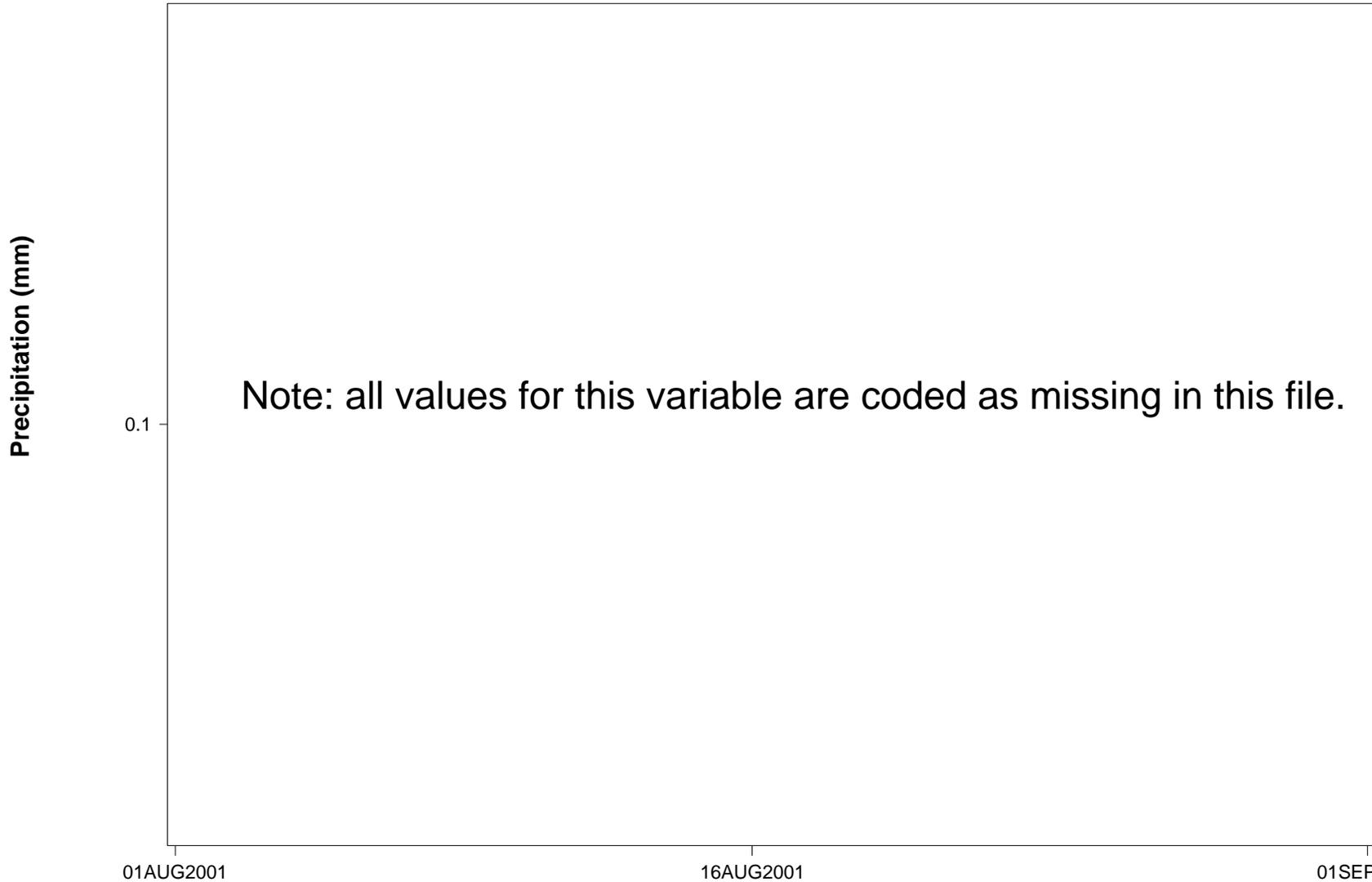
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

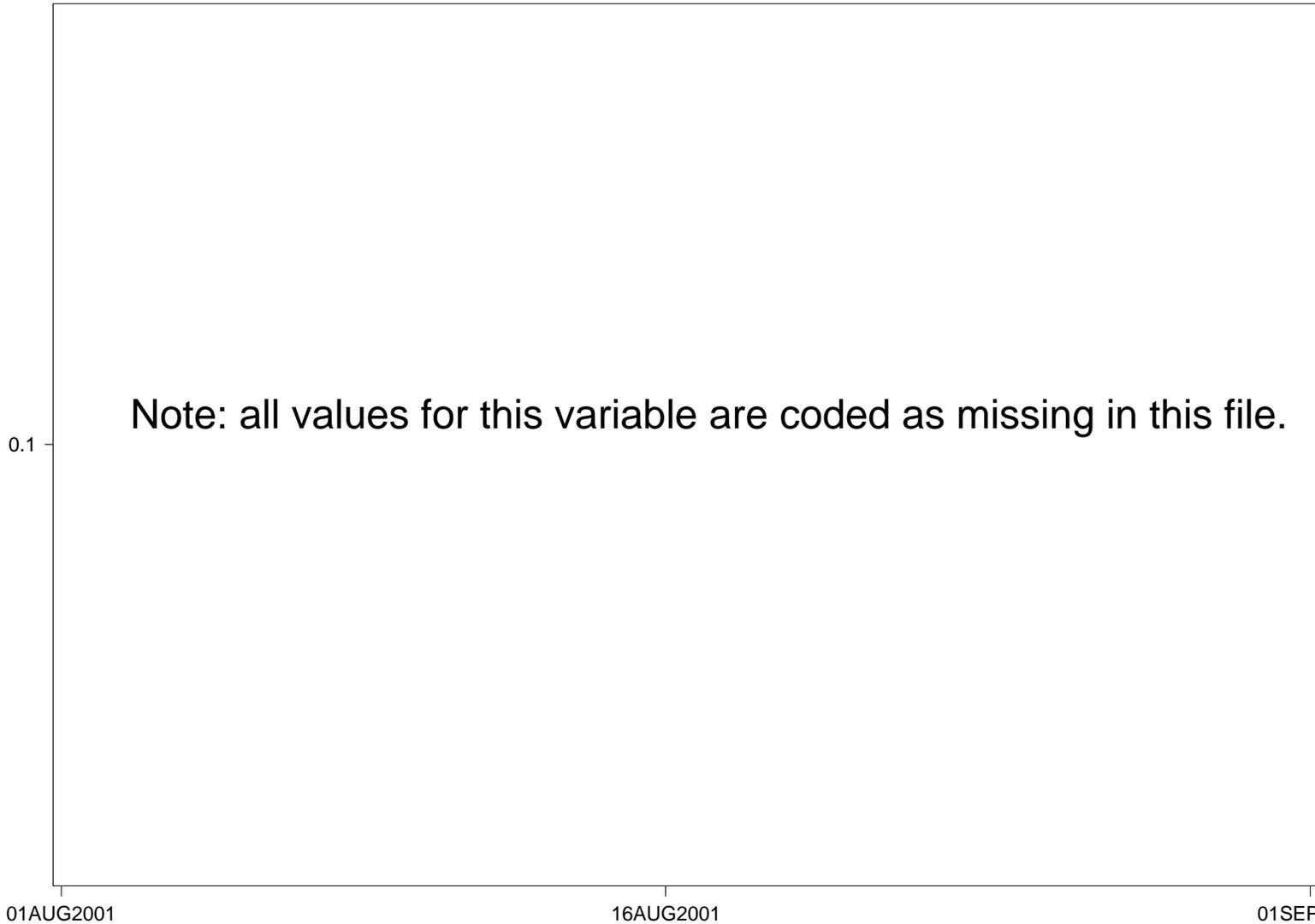
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

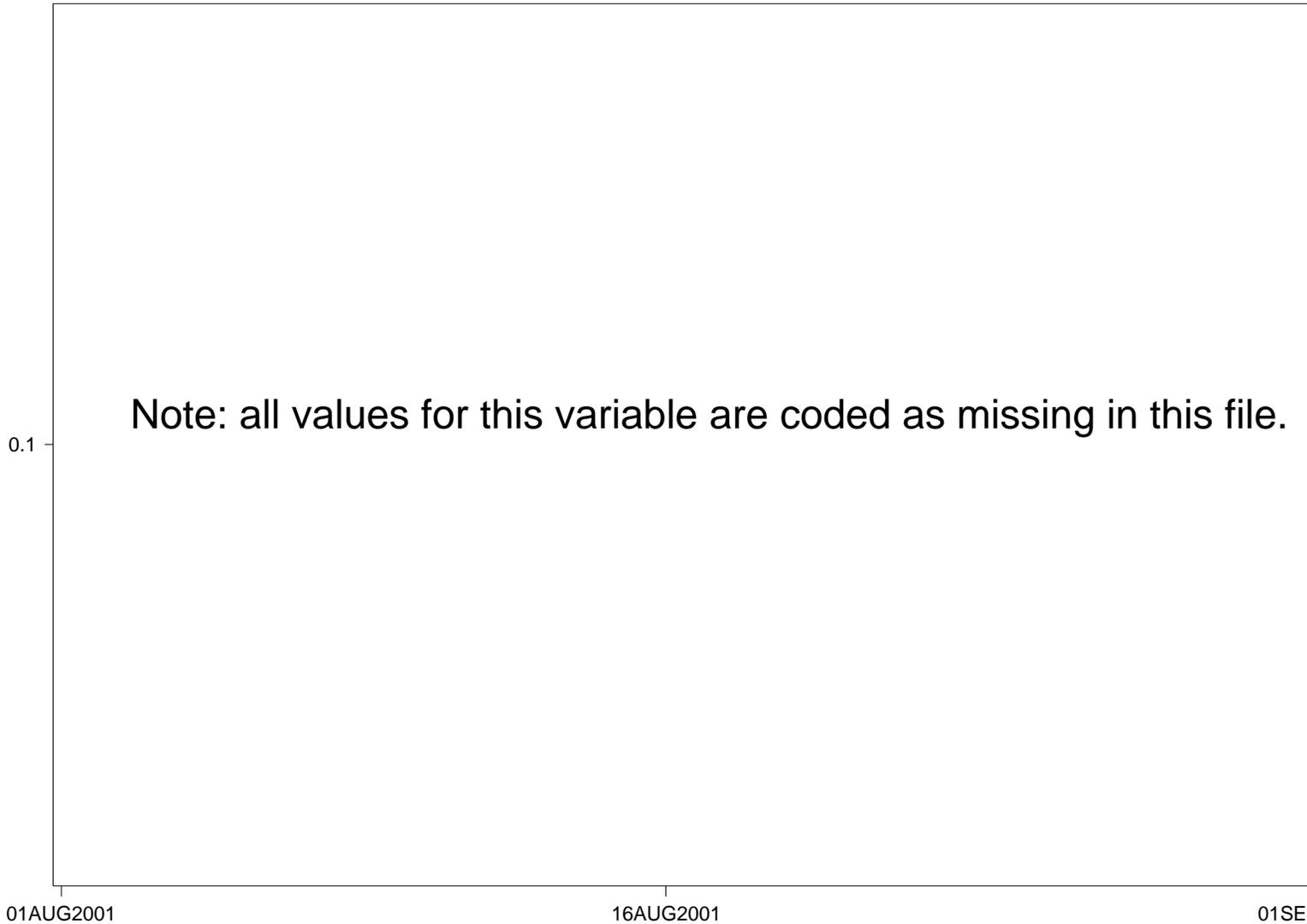
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

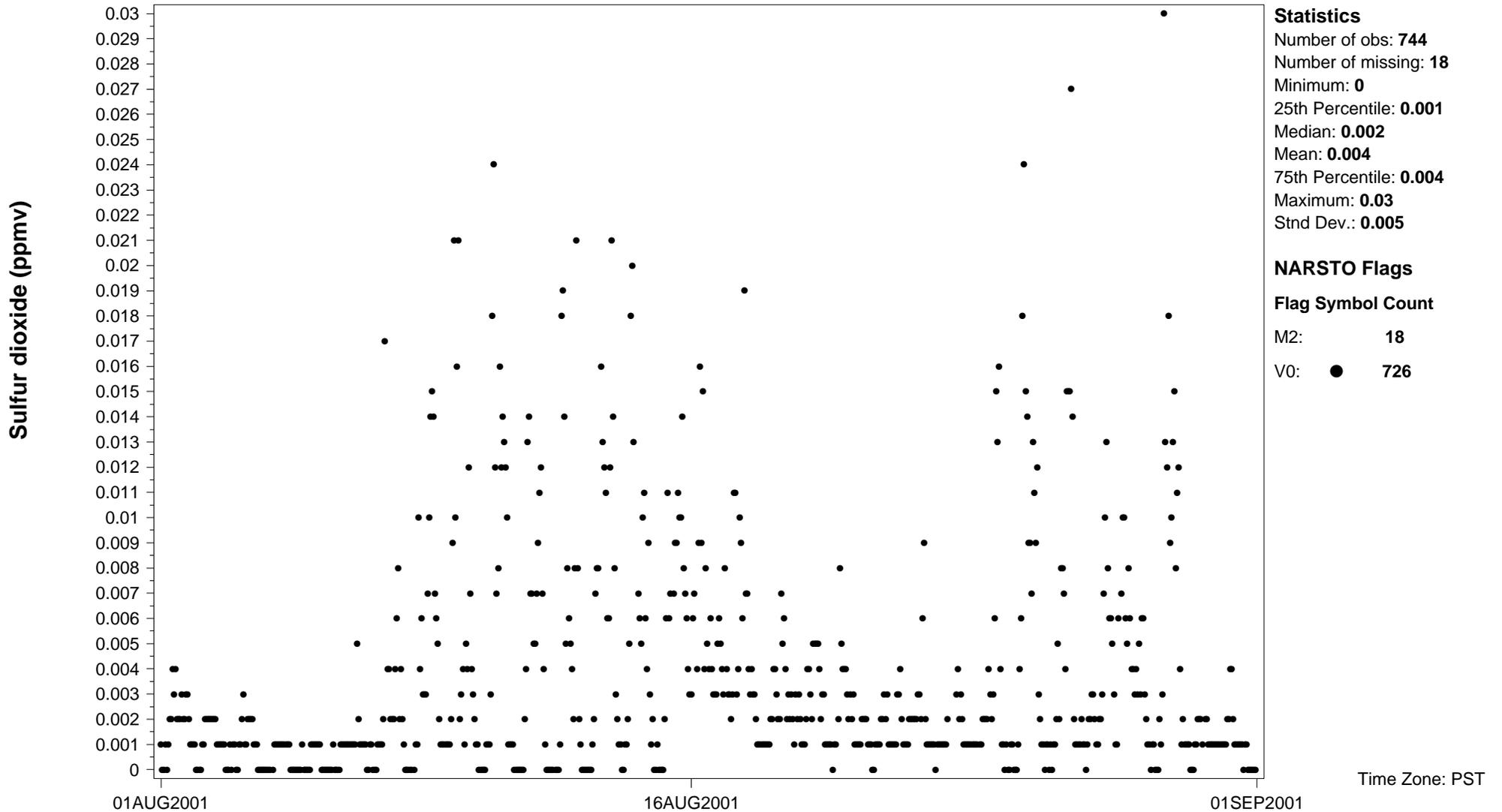
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

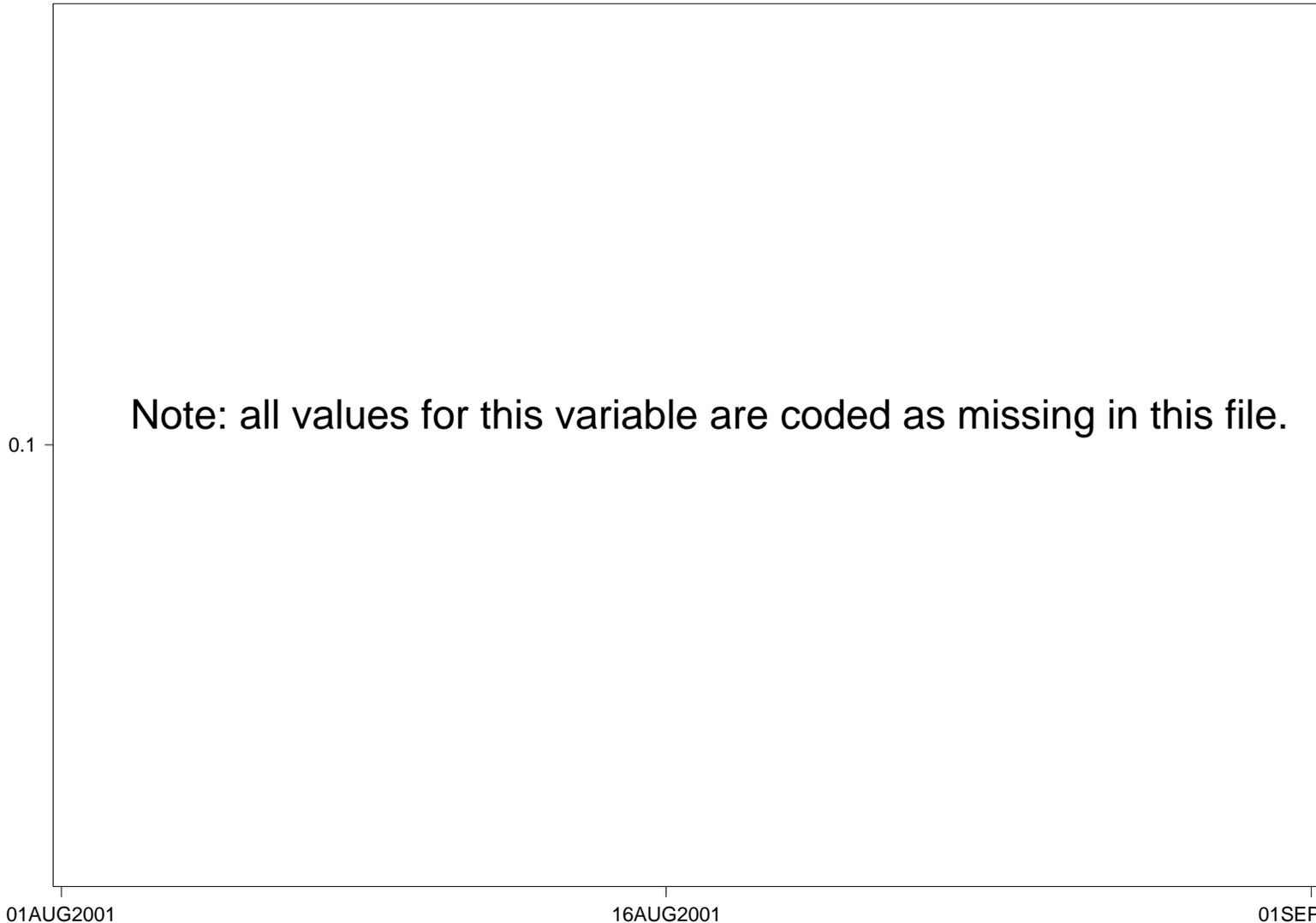


Site ID: **PC01CABCT006** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

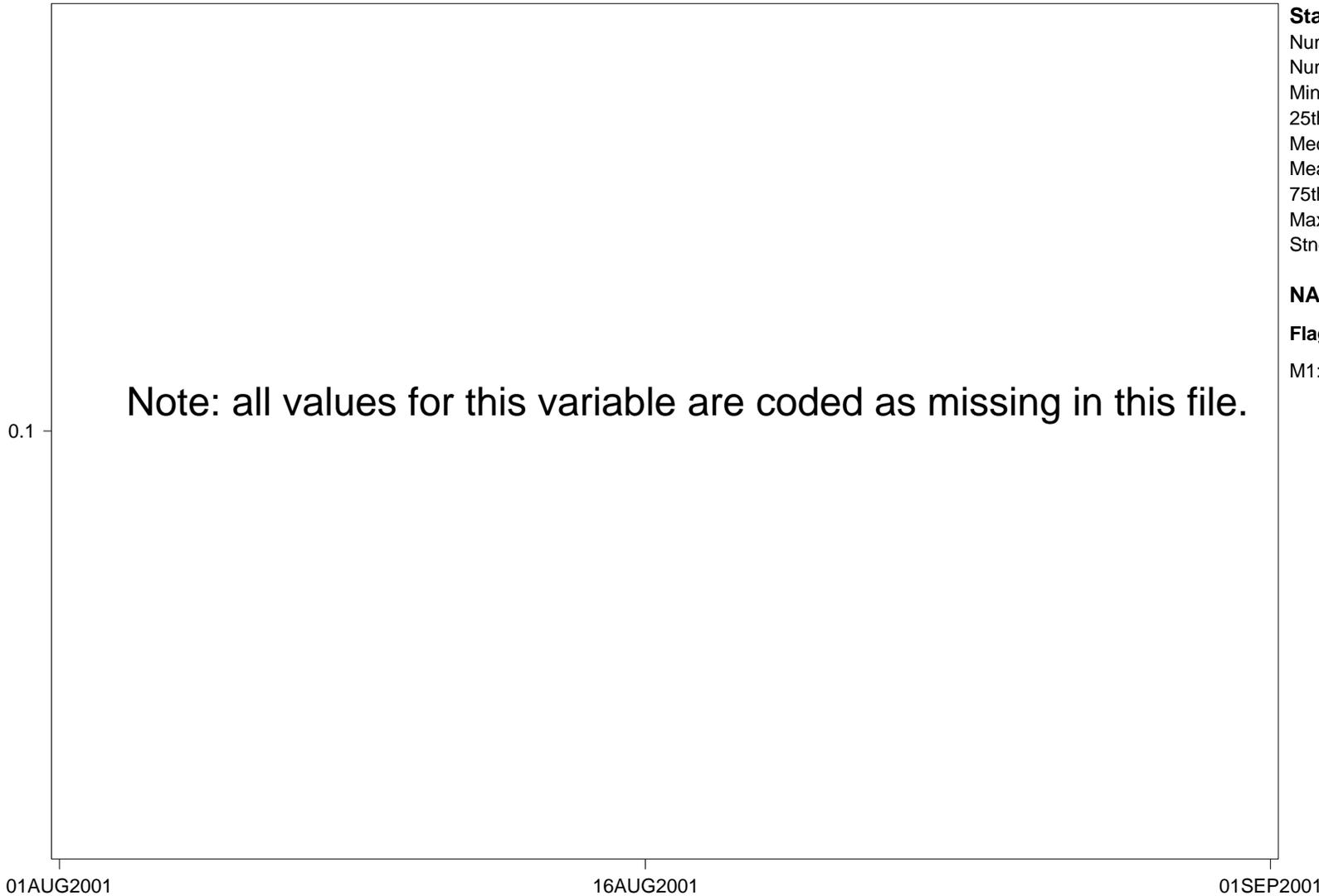
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Temperature: air (deg C)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

# NAtChem Time Series Plot

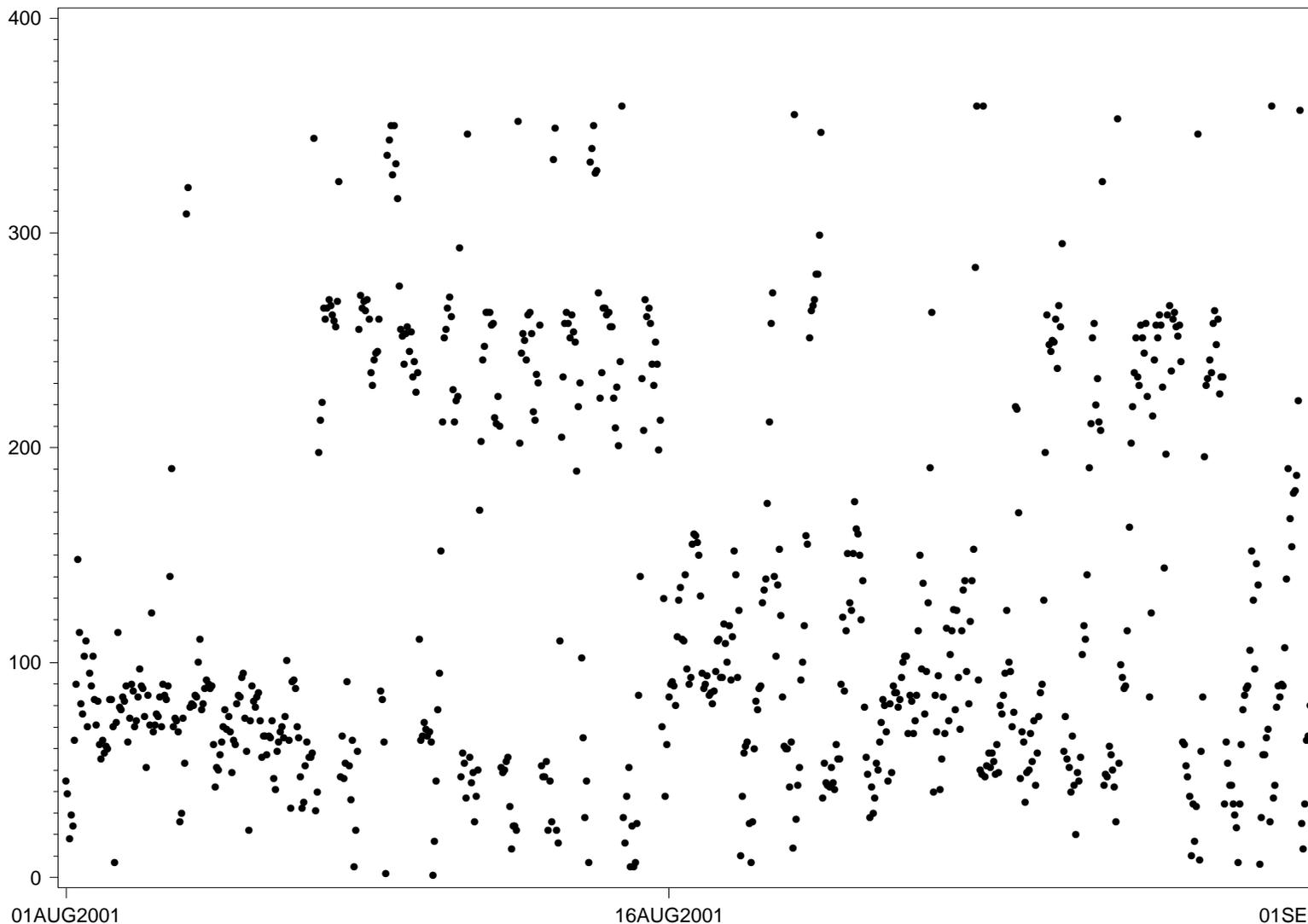
30SEP2004

Site ID: **PC01CABCT006** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.3022222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Wind direction: horizontal mean scalar (decimal degree)



### Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **60**  
Median: **89**  
Mean: **128.571**  
75th Percentile: **218.5**  
Maximum: **359**  
Std Dev.: **90.588**

### NARSTO Flags

#### Flag Symbol Count

V0: ● **744**

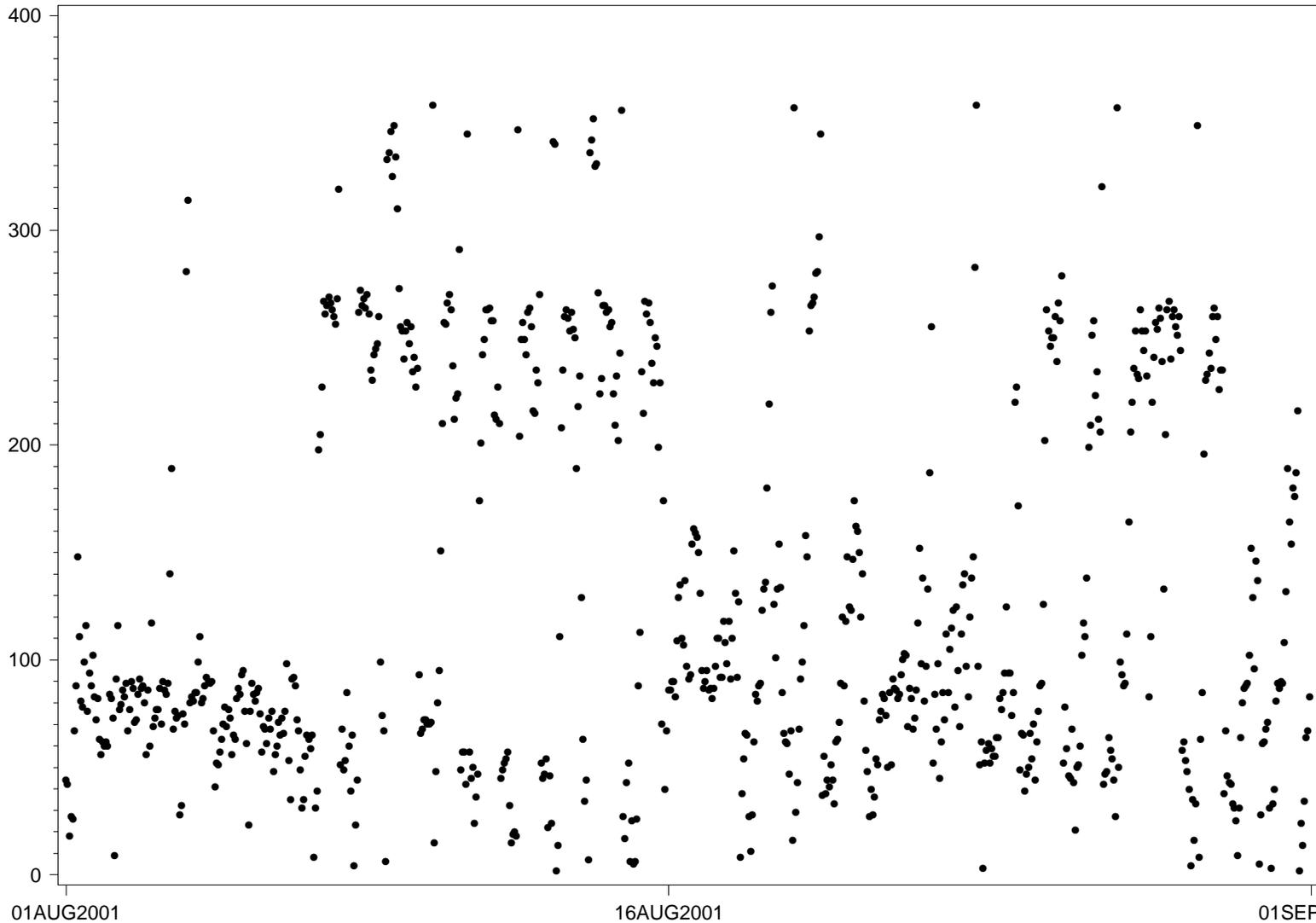
Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.3022222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **2**  
 25th Percentile: **62**  
 Median: **89**  
 Mean: **127.954**  
 75th Percentile: **217**  
 Maximum: **358**  
 Stnd Dev.: **89.521**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

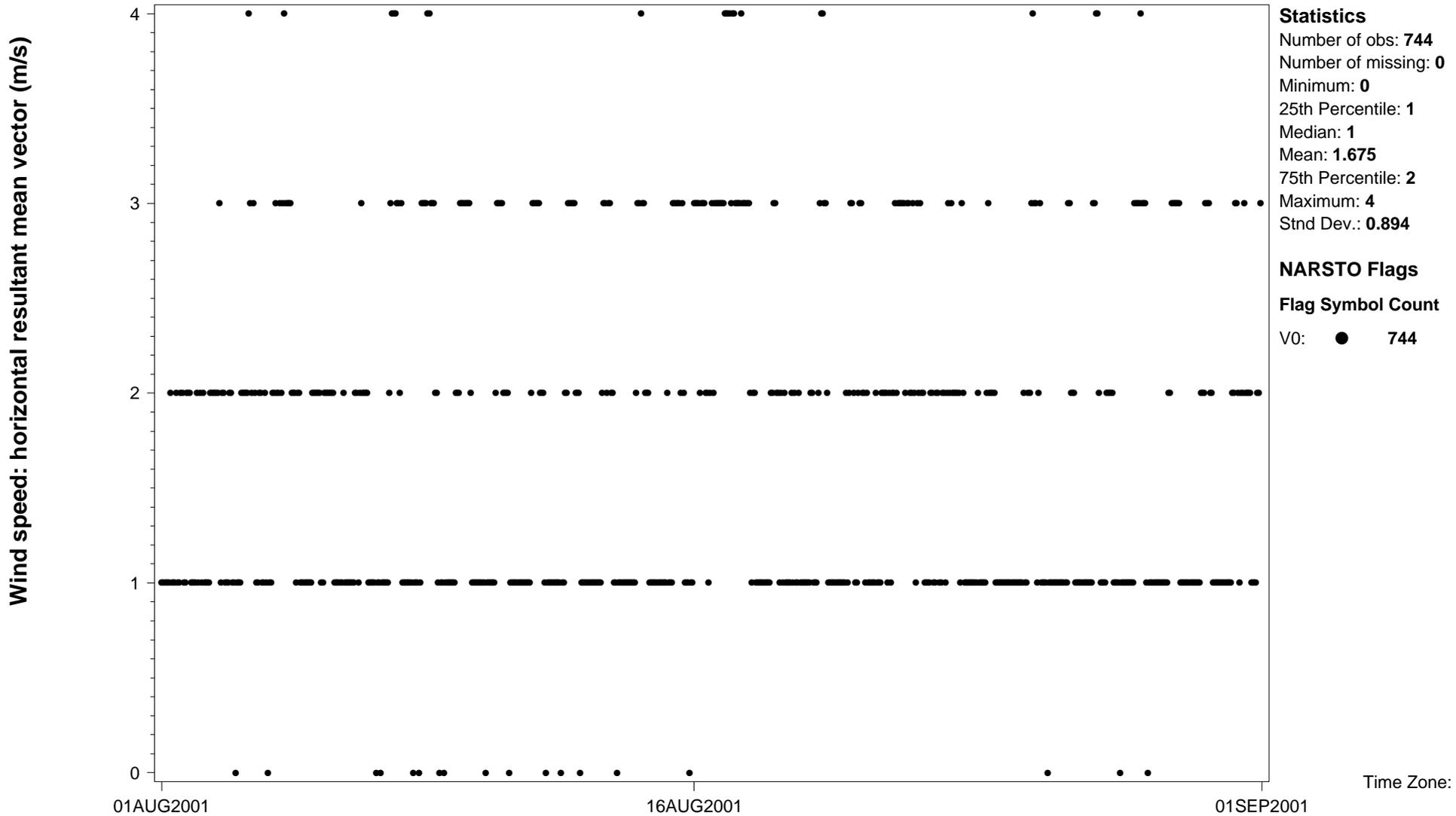
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT006** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

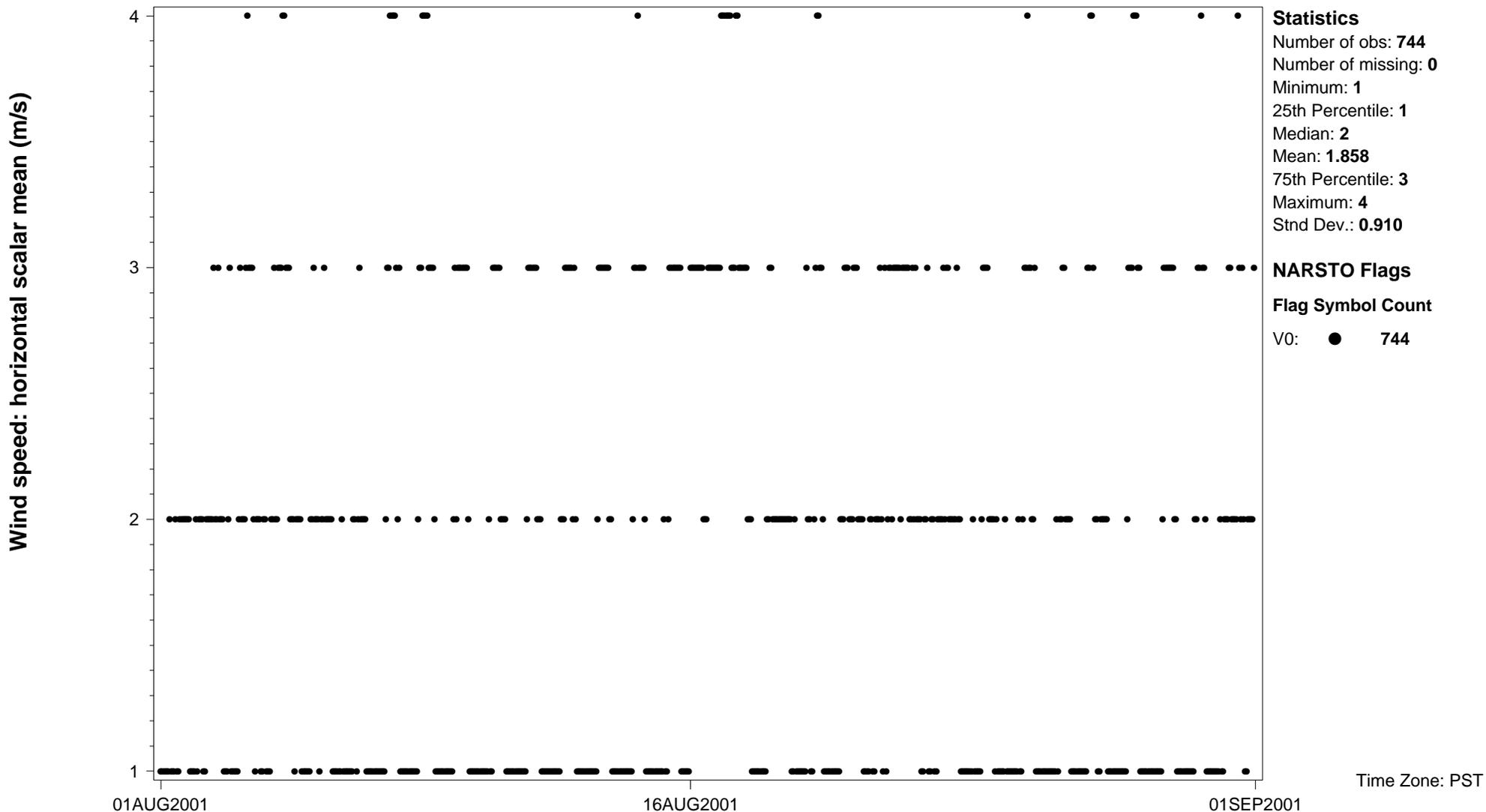
Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**



Time Zone: PST

Site ID: **PC01CABCT006** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SECOND NARROWS - 75 RIVERSIDE DRIVE - NORTH VANCOUVER, British Columbia** Latitude: **49.30222222 deg.** Longitude: **-122.8497222 deg.** Start Date: **9999**

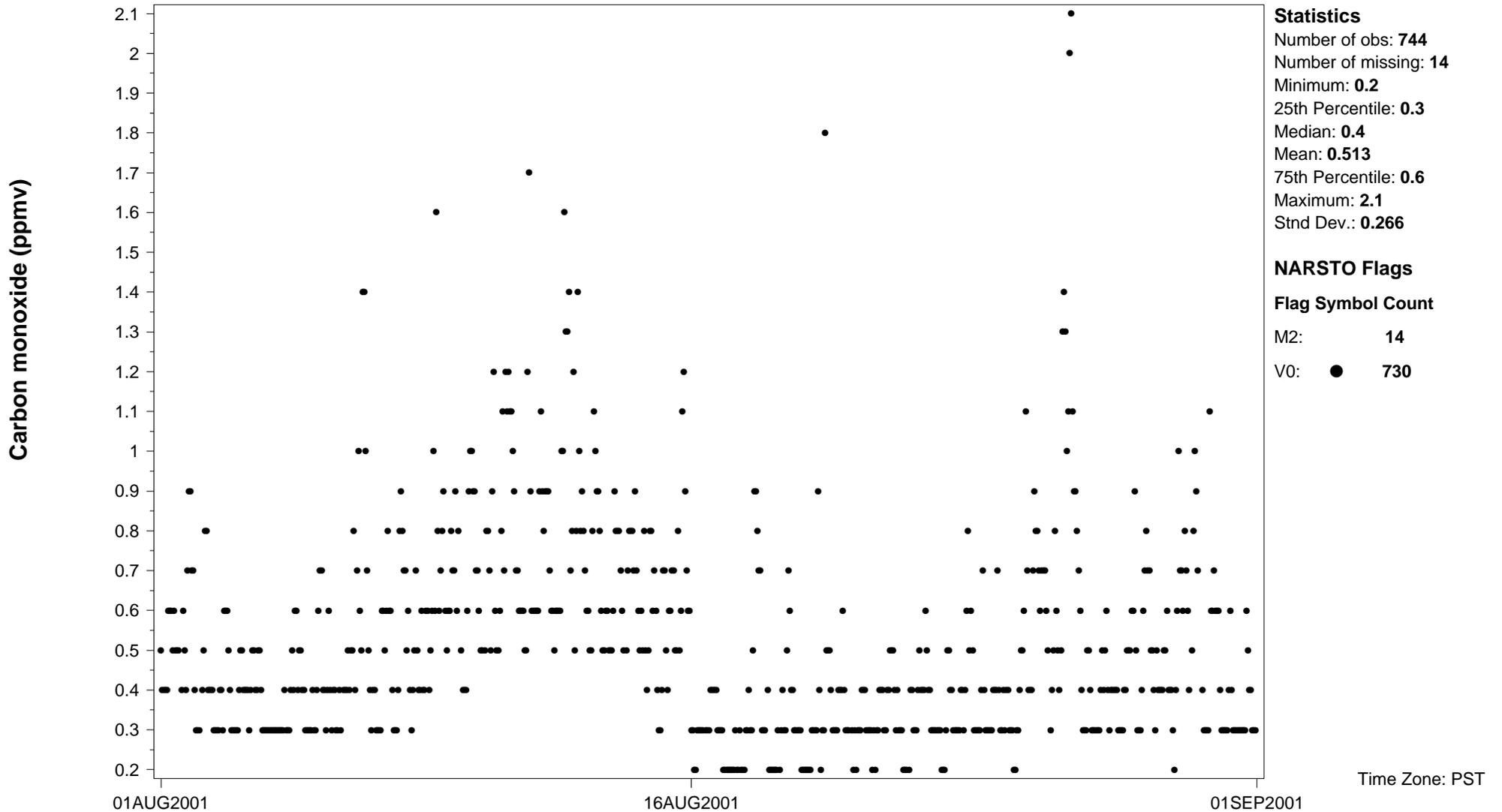


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

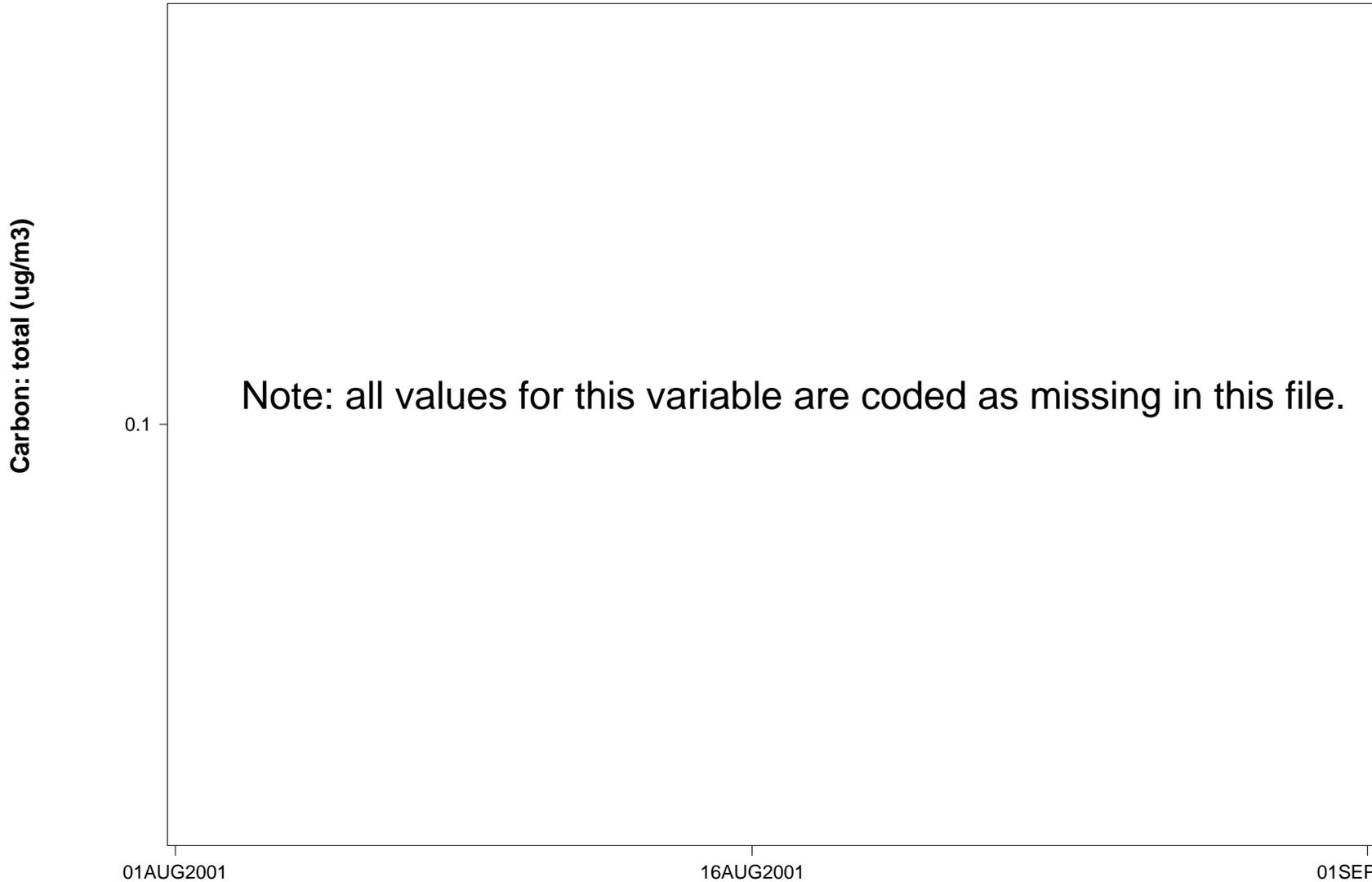
Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



Site ID: **PC01CABCT009** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

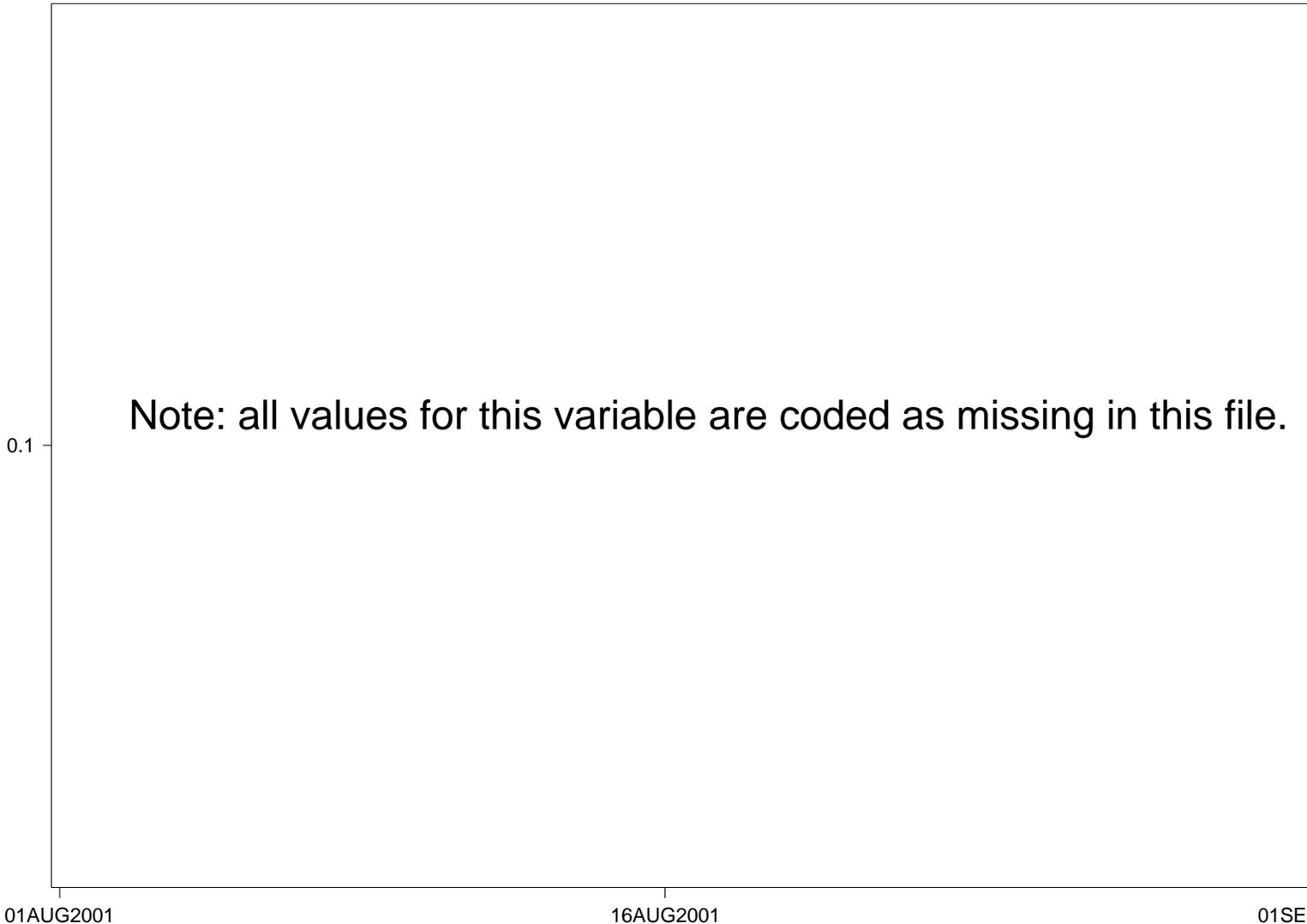
Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

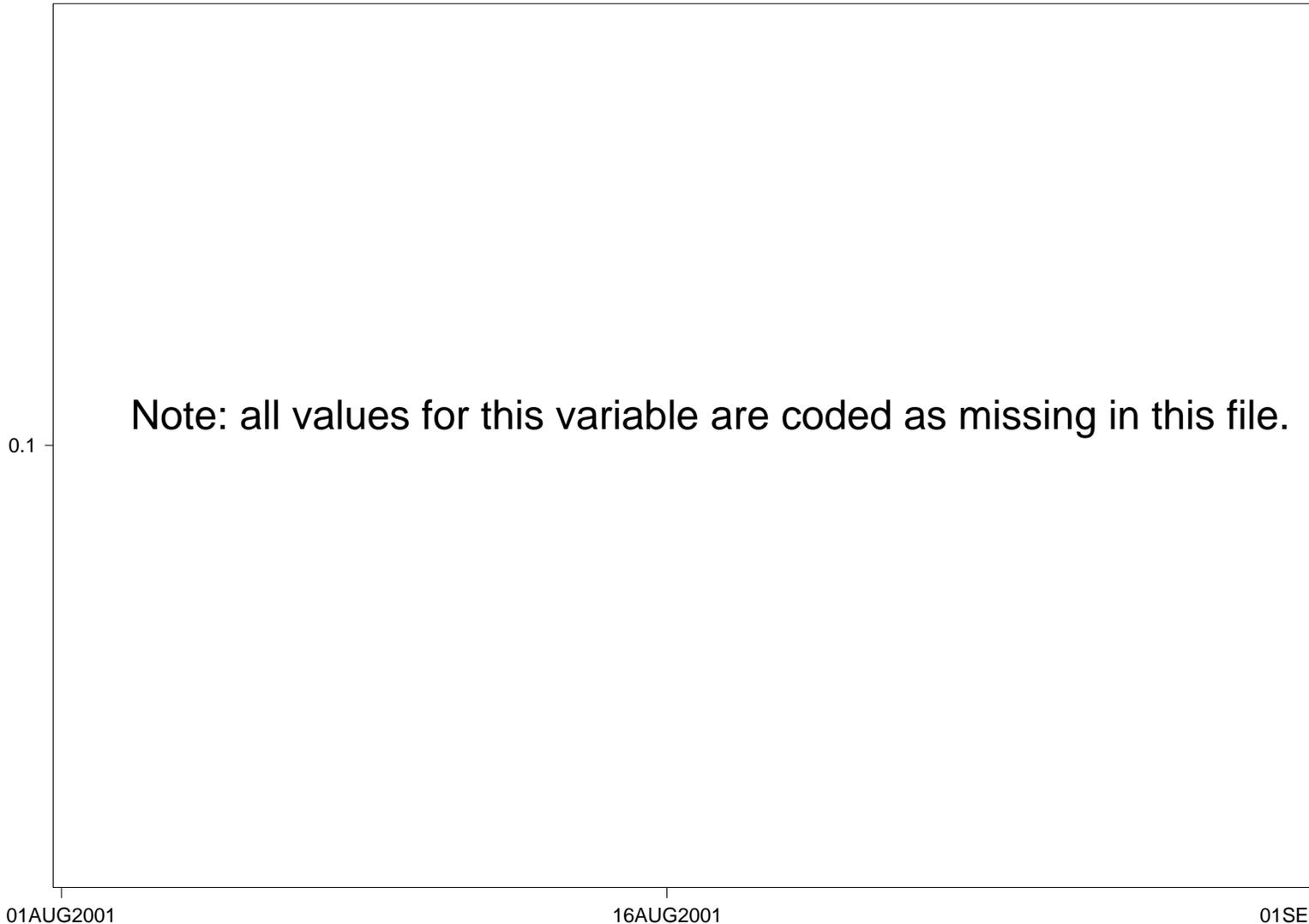
Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

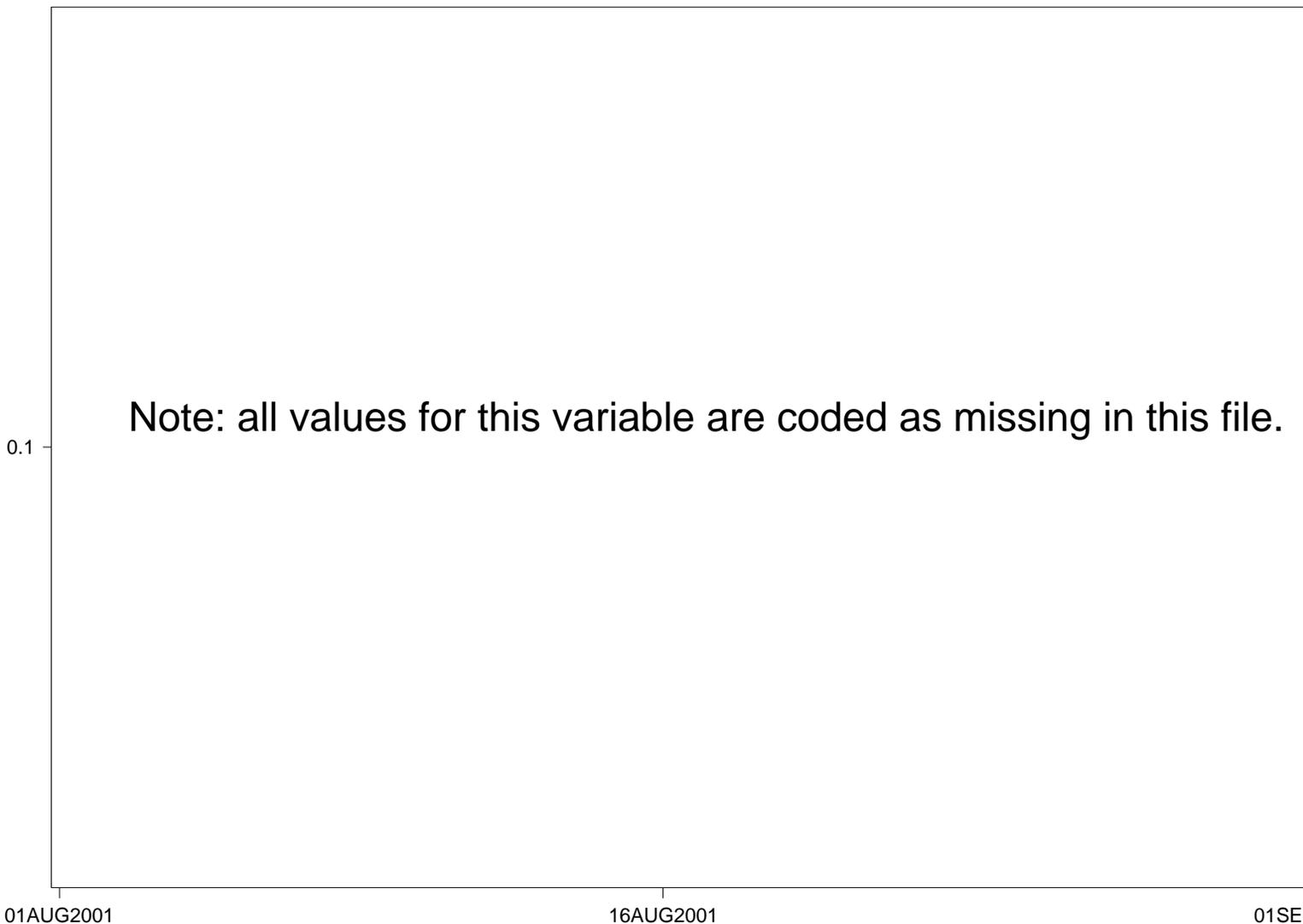
Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

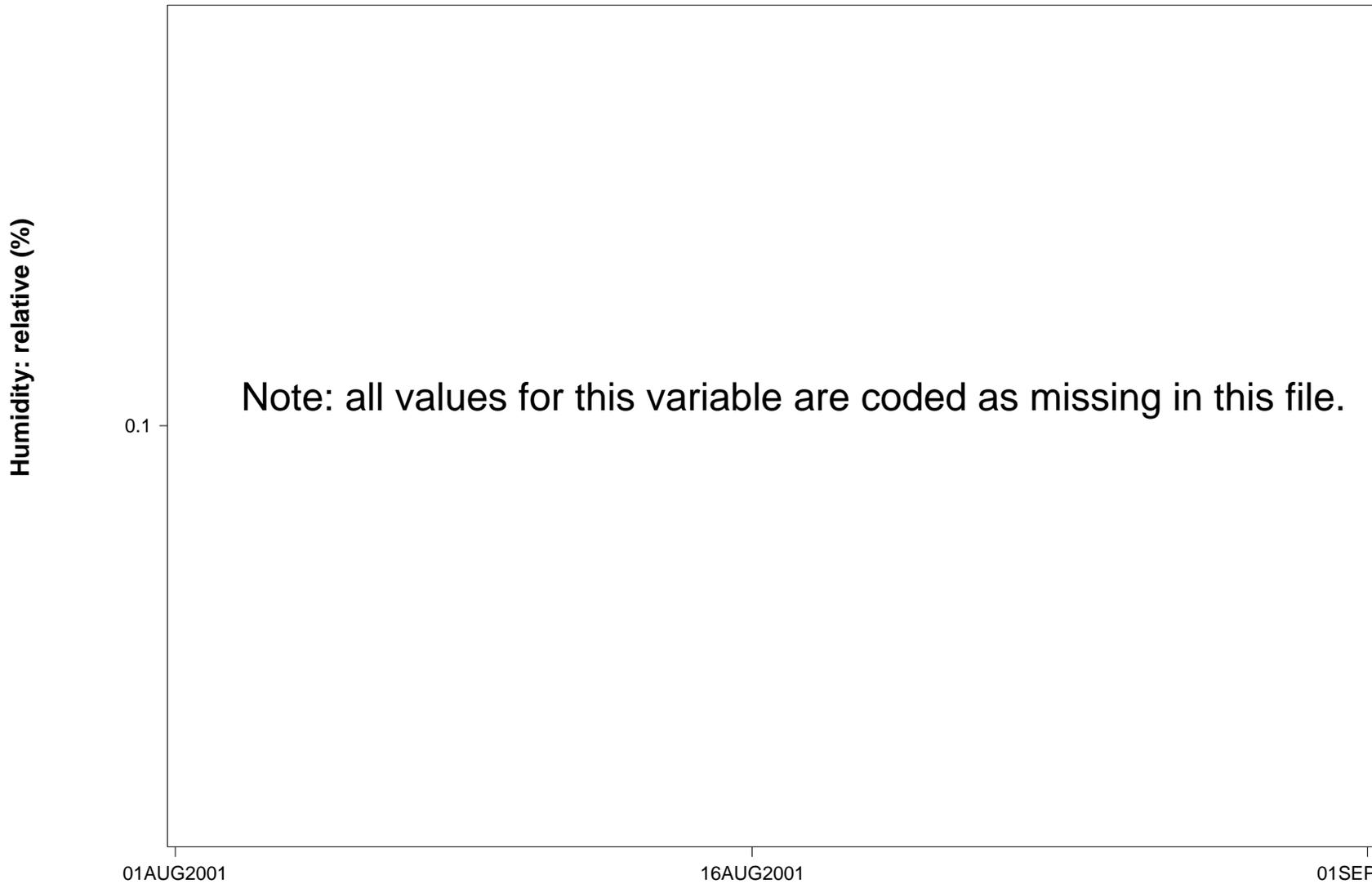
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

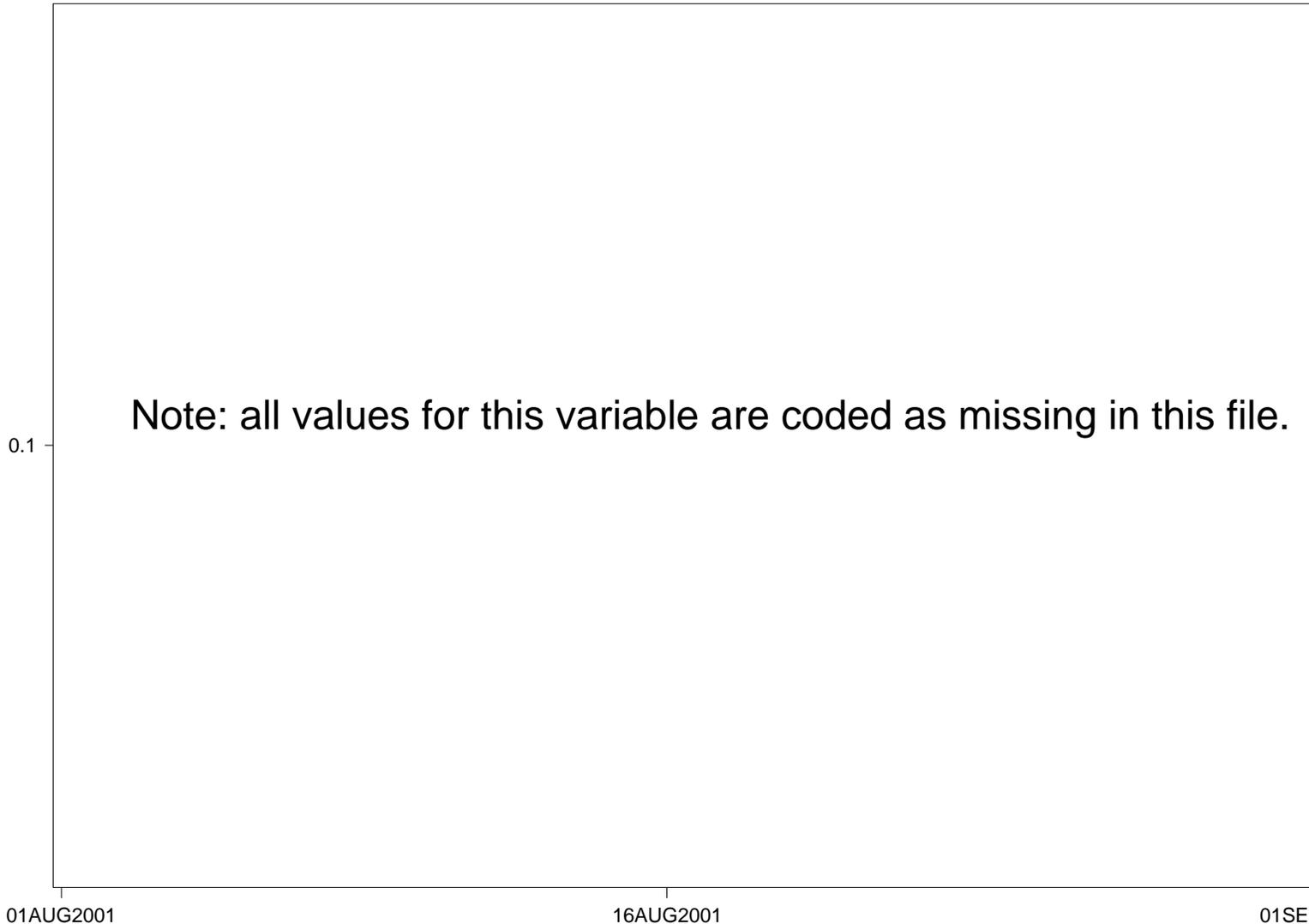
Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

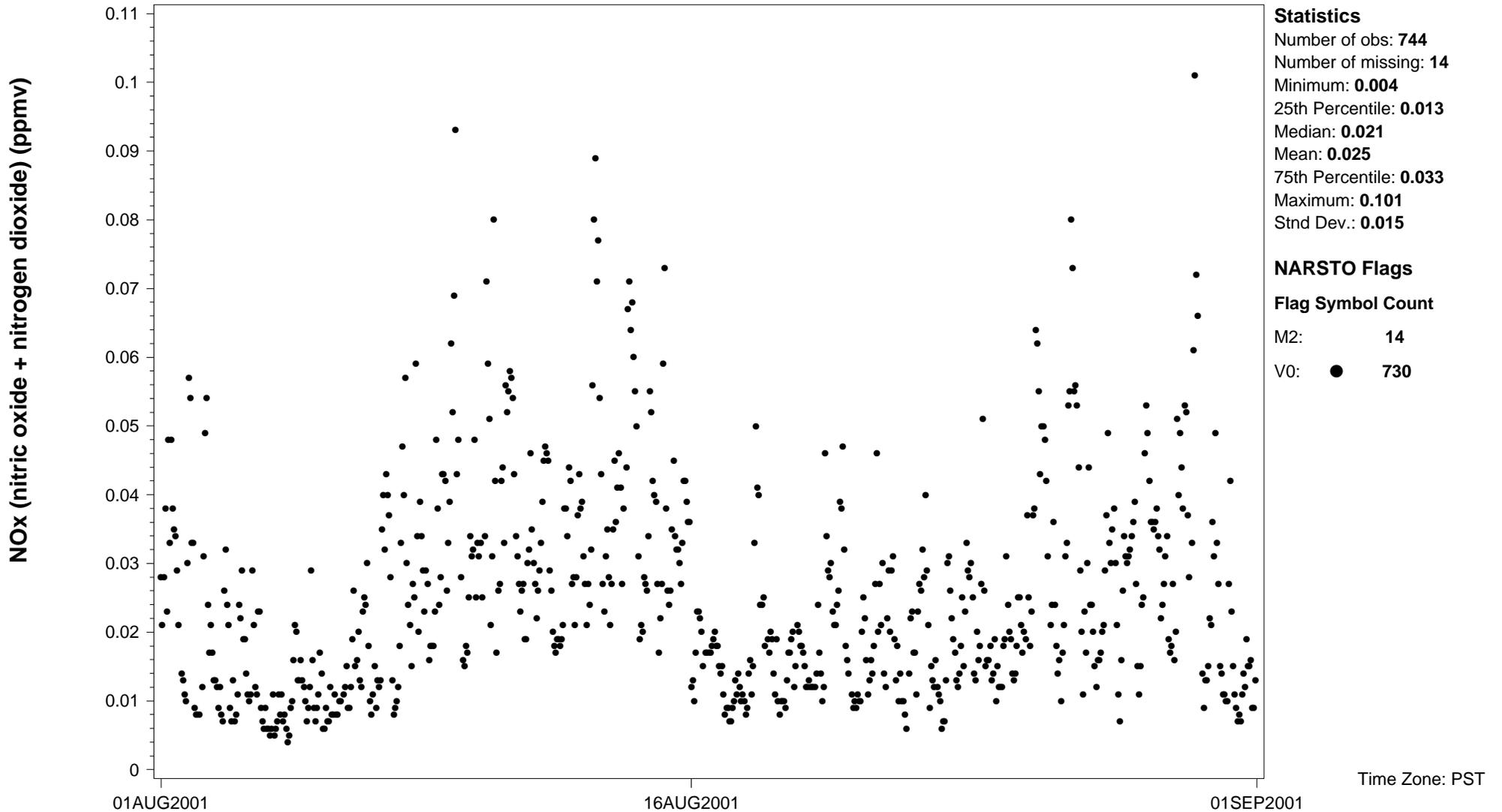
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



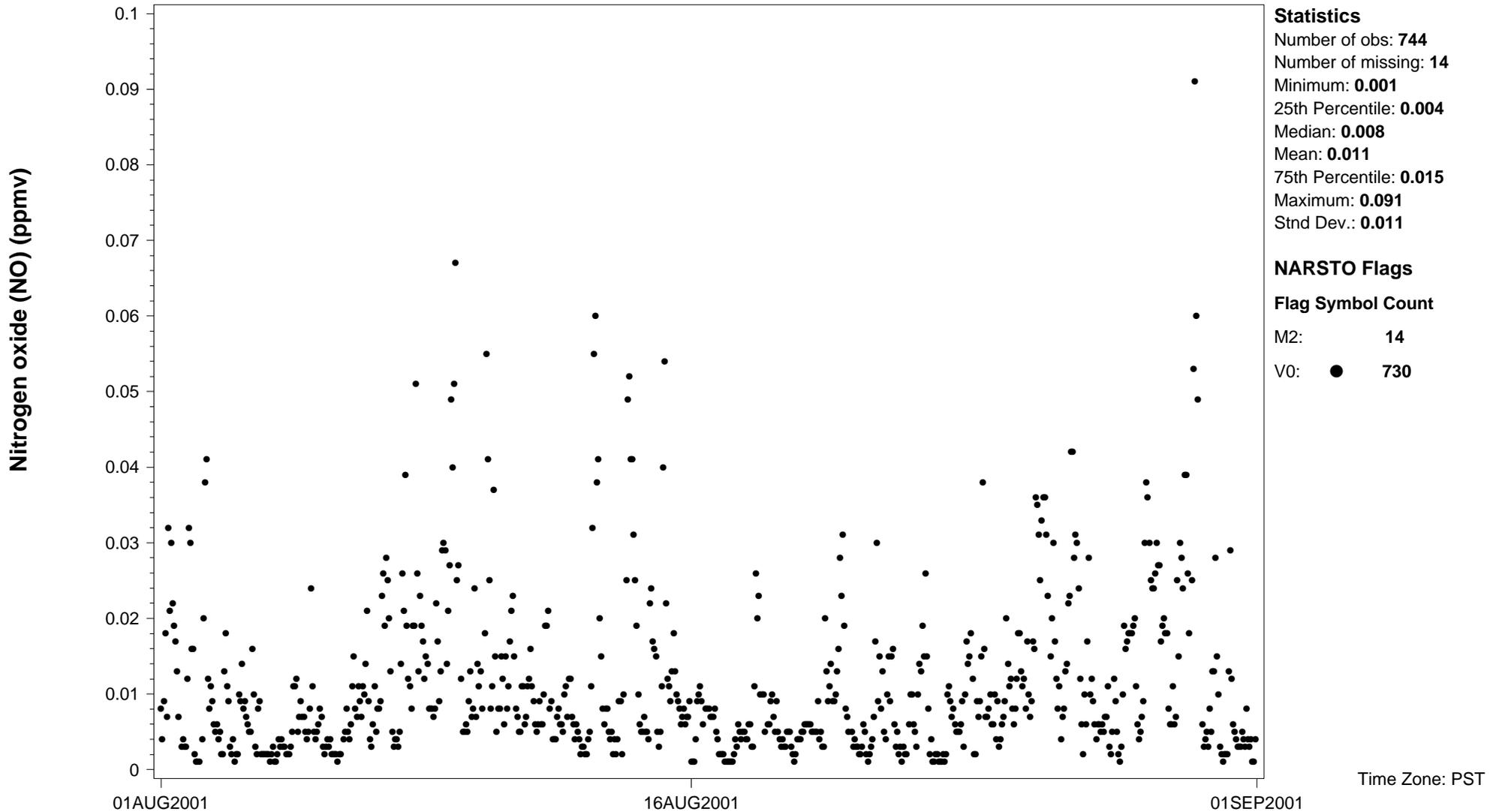
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

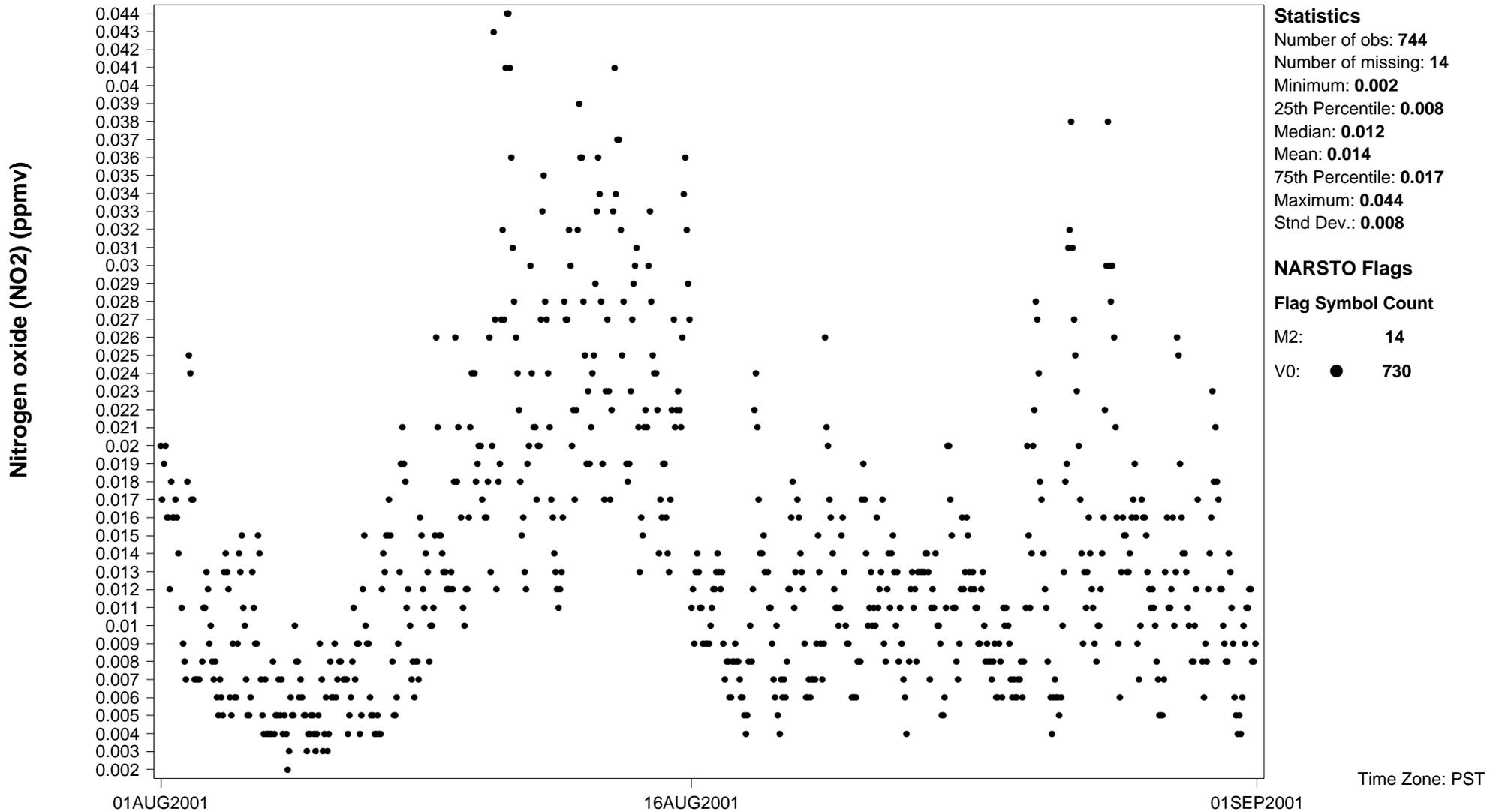


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



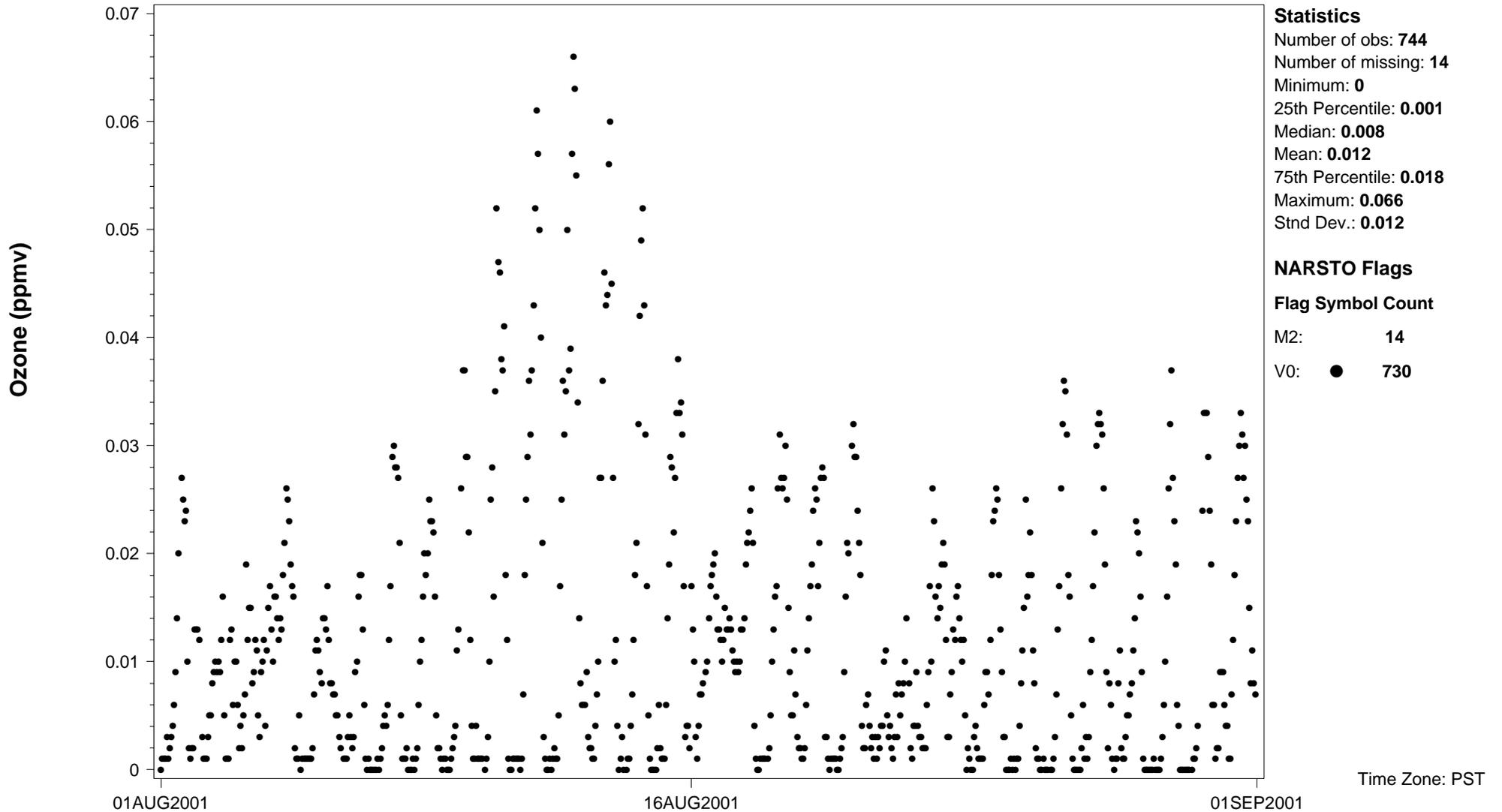
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



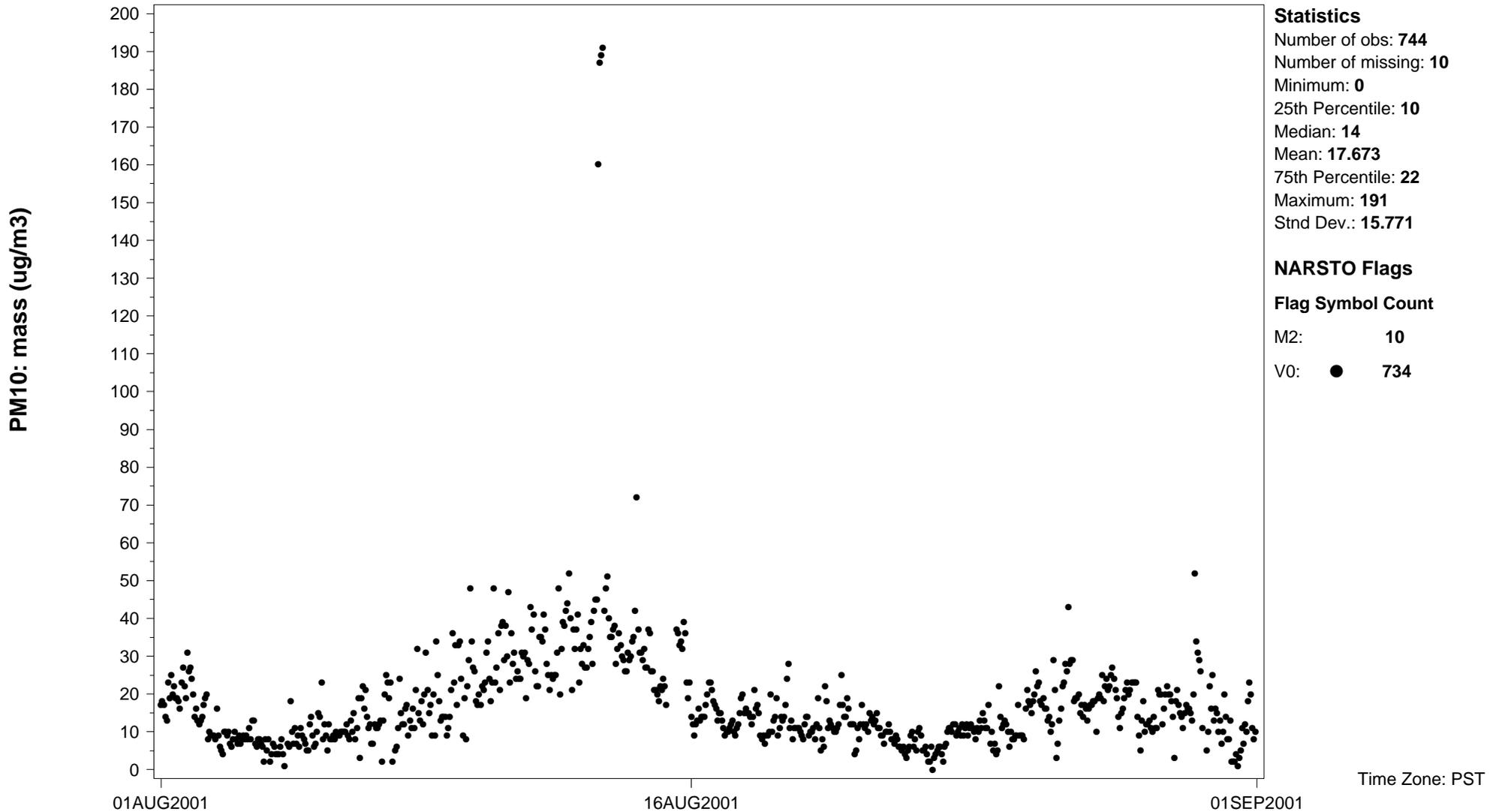
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

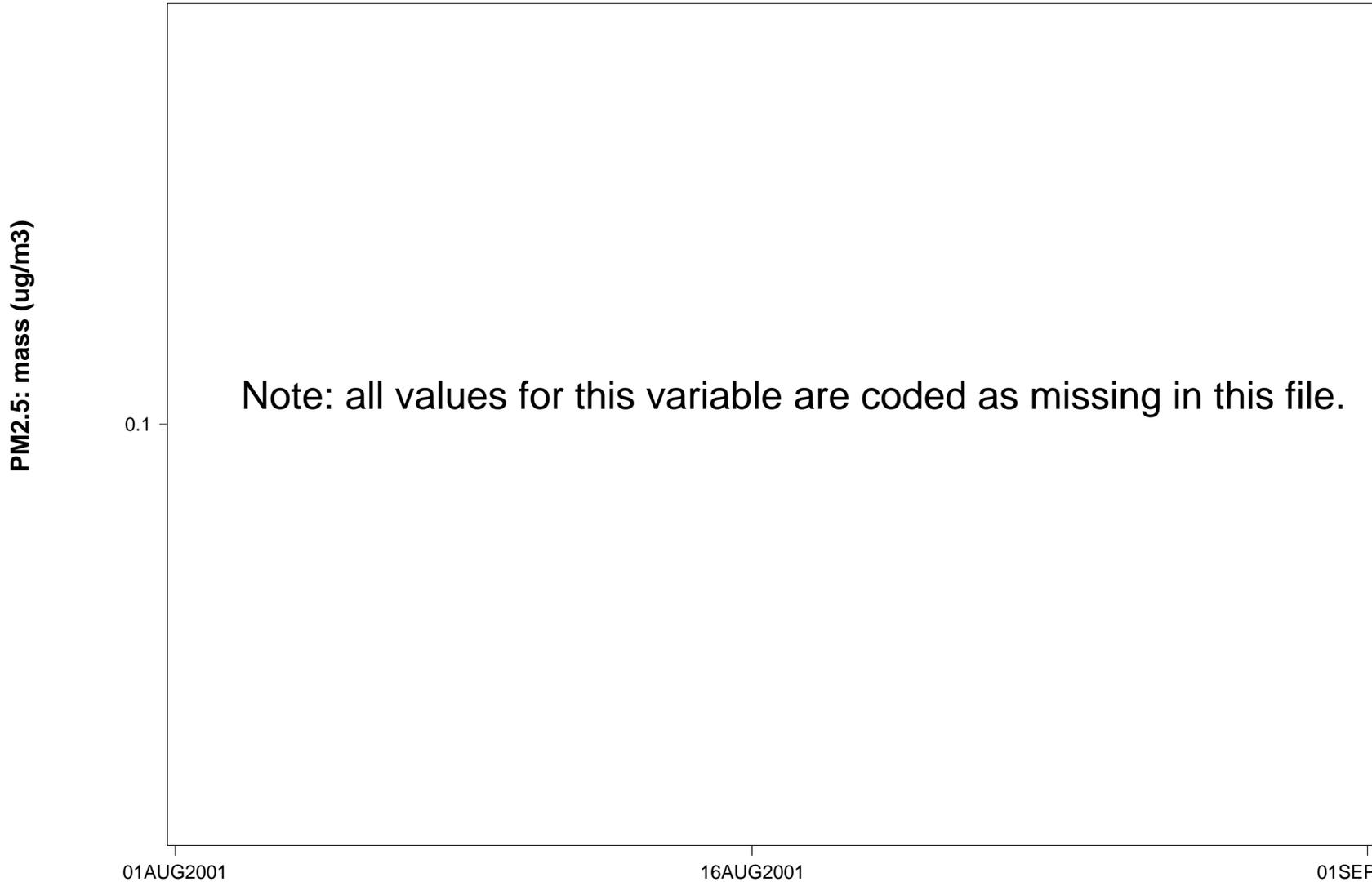
Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



Site ID: **PC01CABCT009** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

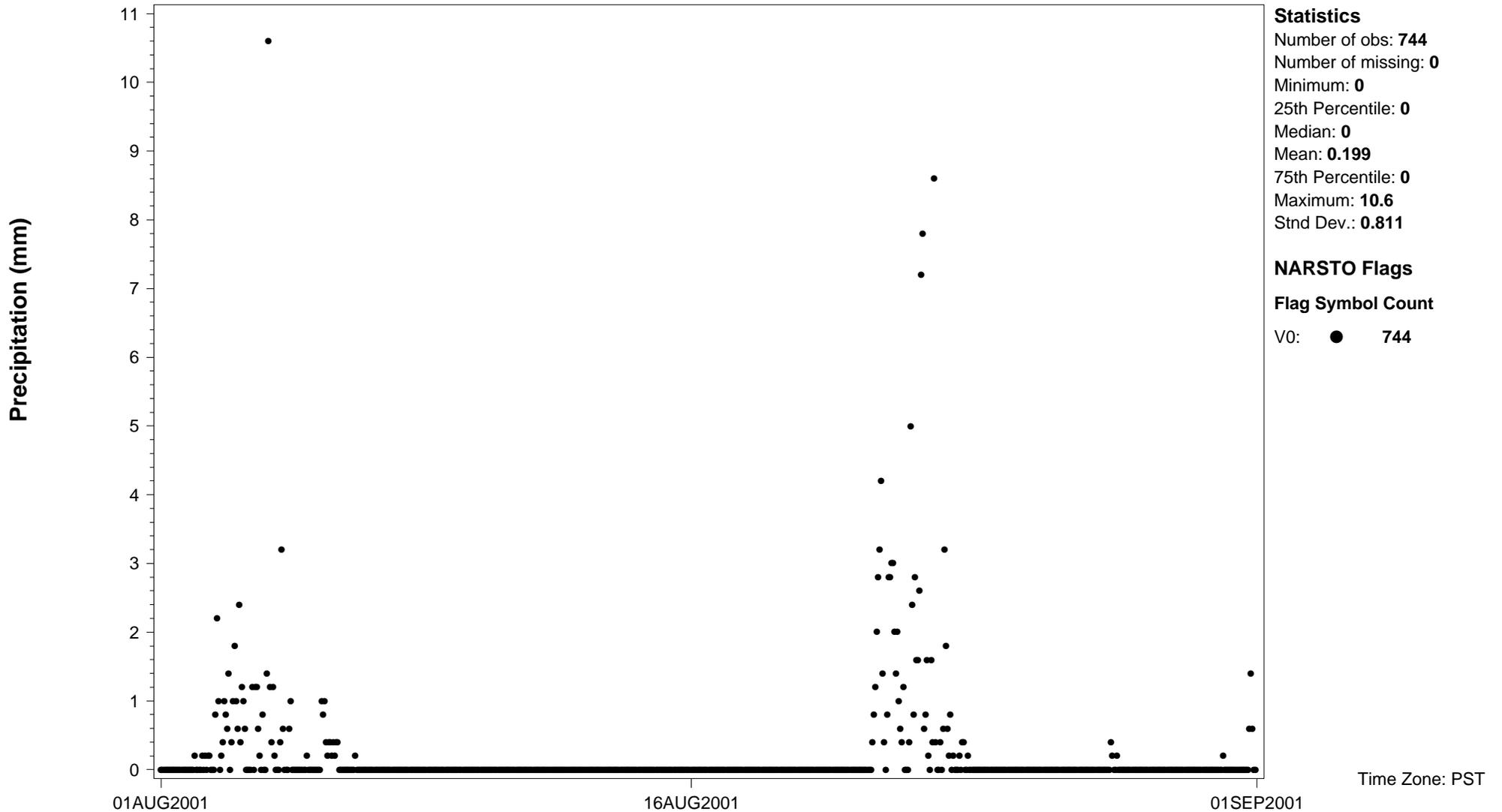
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

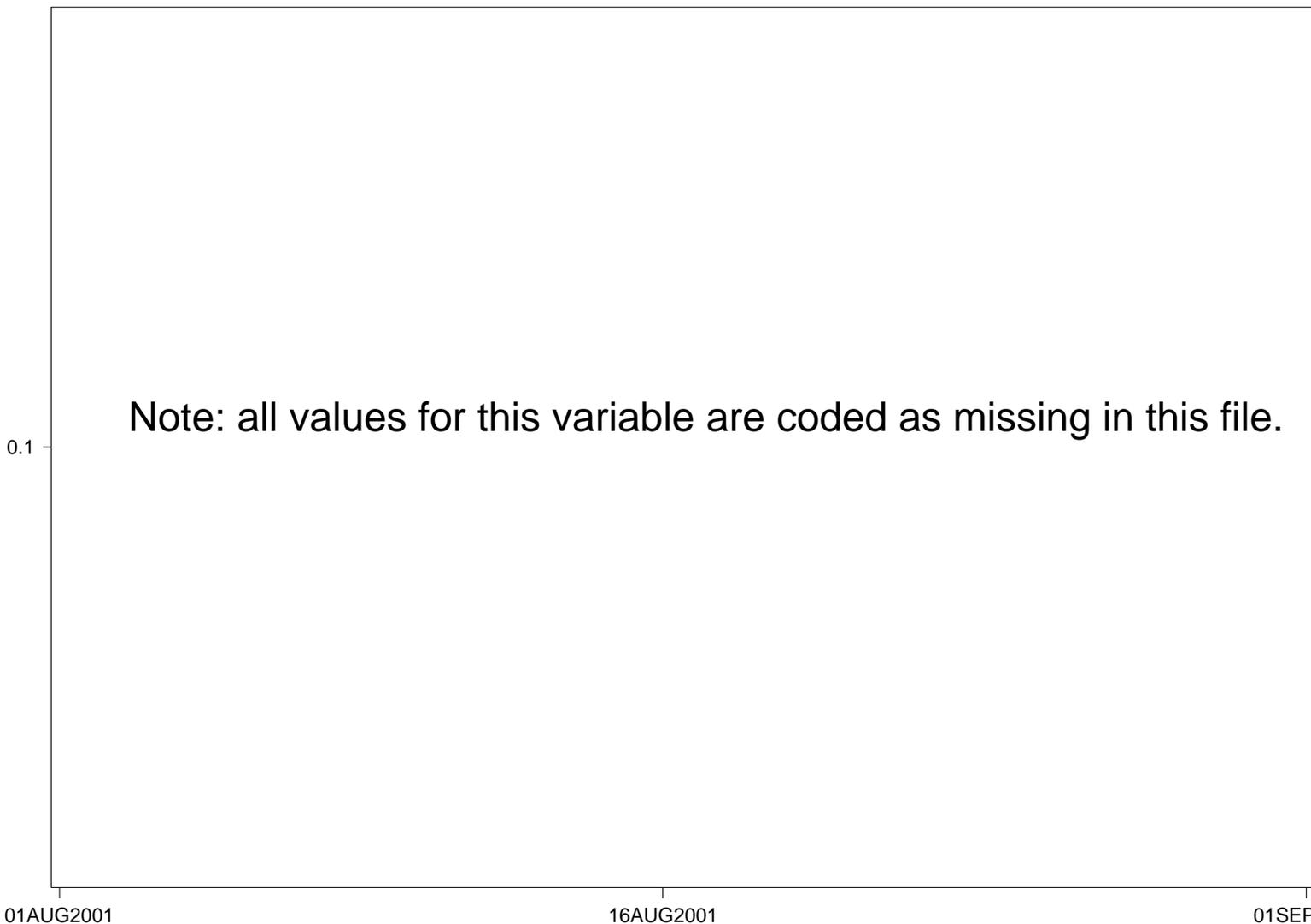


Site ID: **PC01CABCT009** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

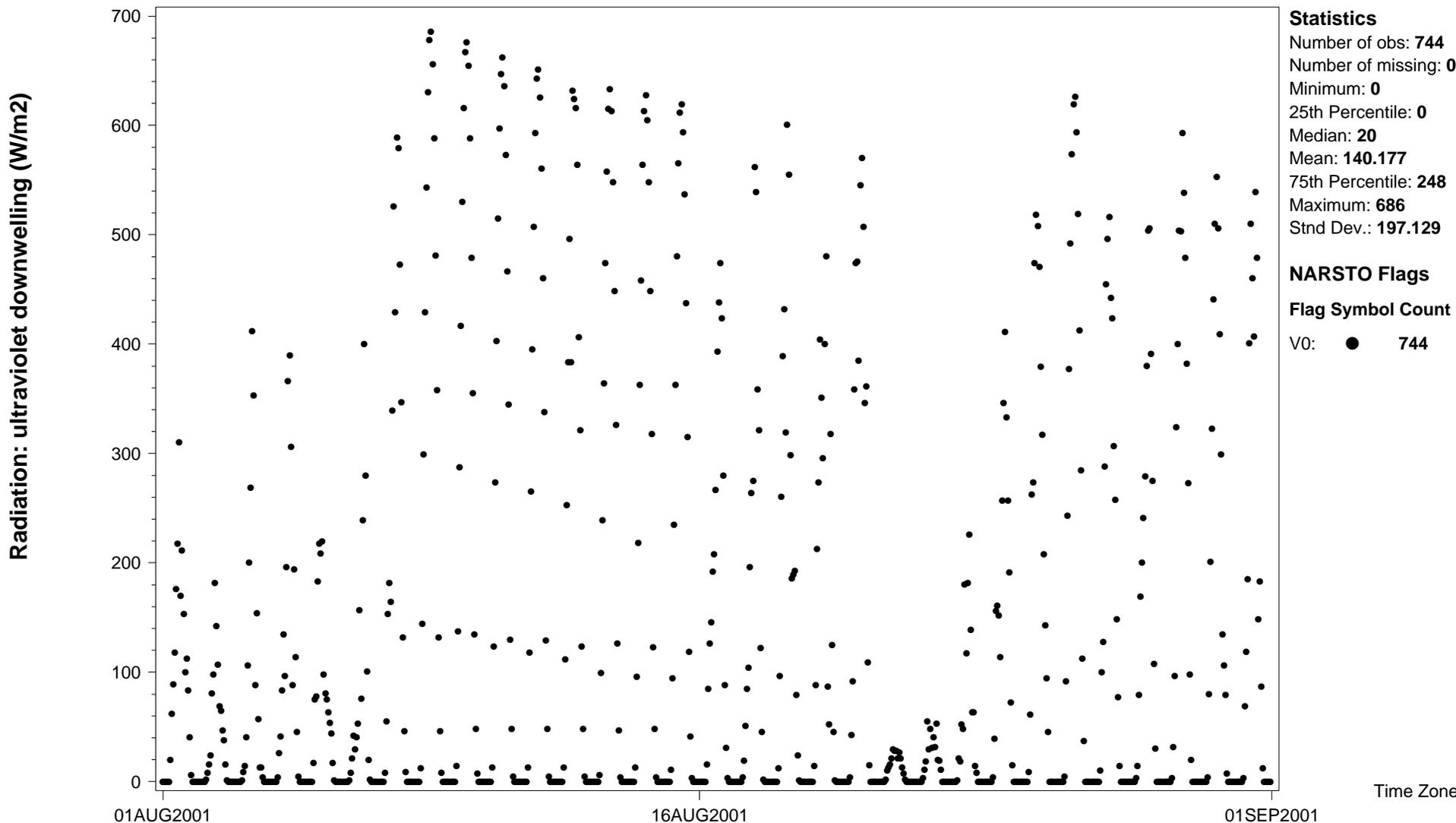
**Flag Symbol Count**

M1: **744**

Time Zone: PST

Site ID: **PC01CABCT009** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



Time Zone: PST

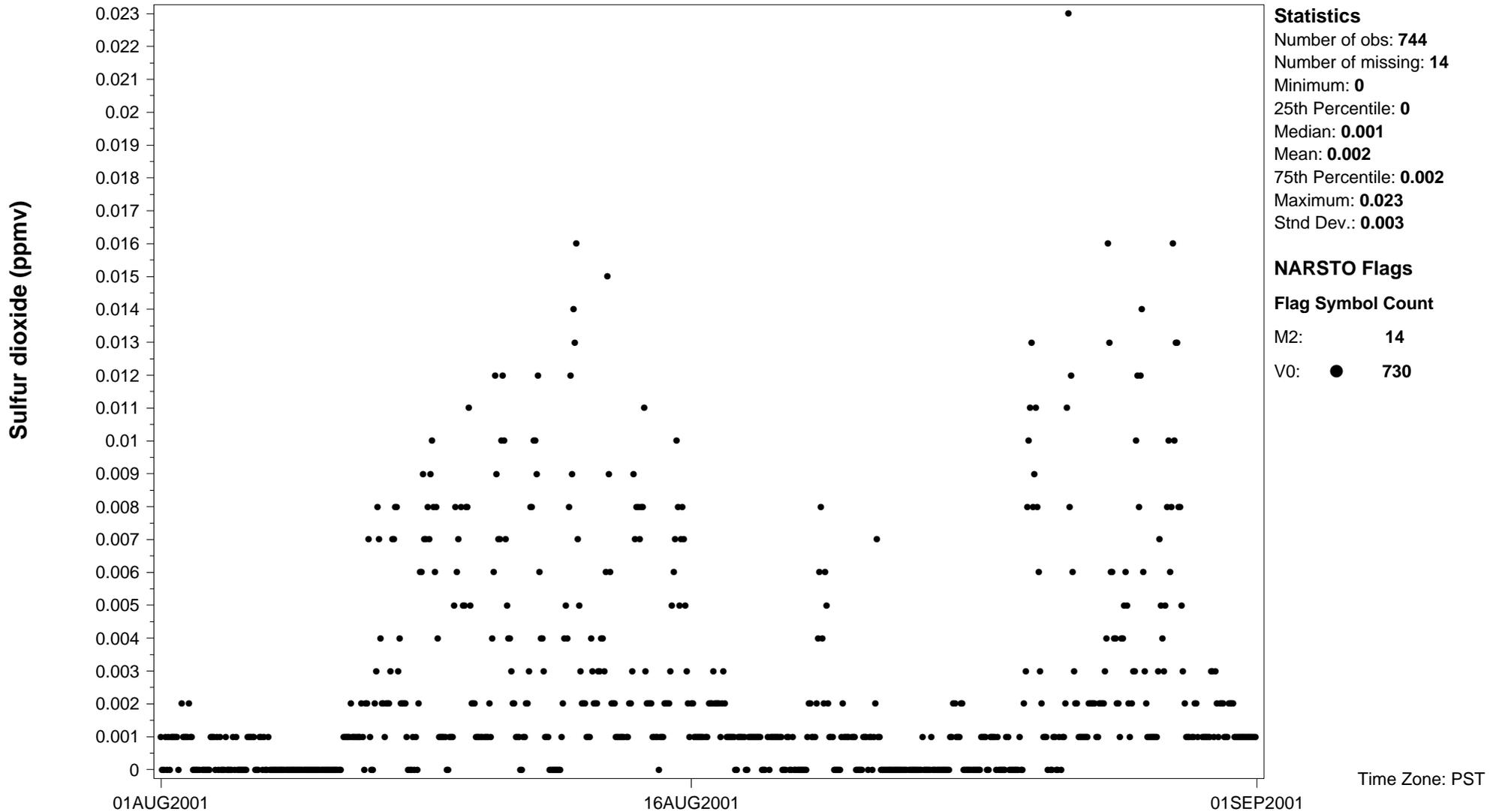
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

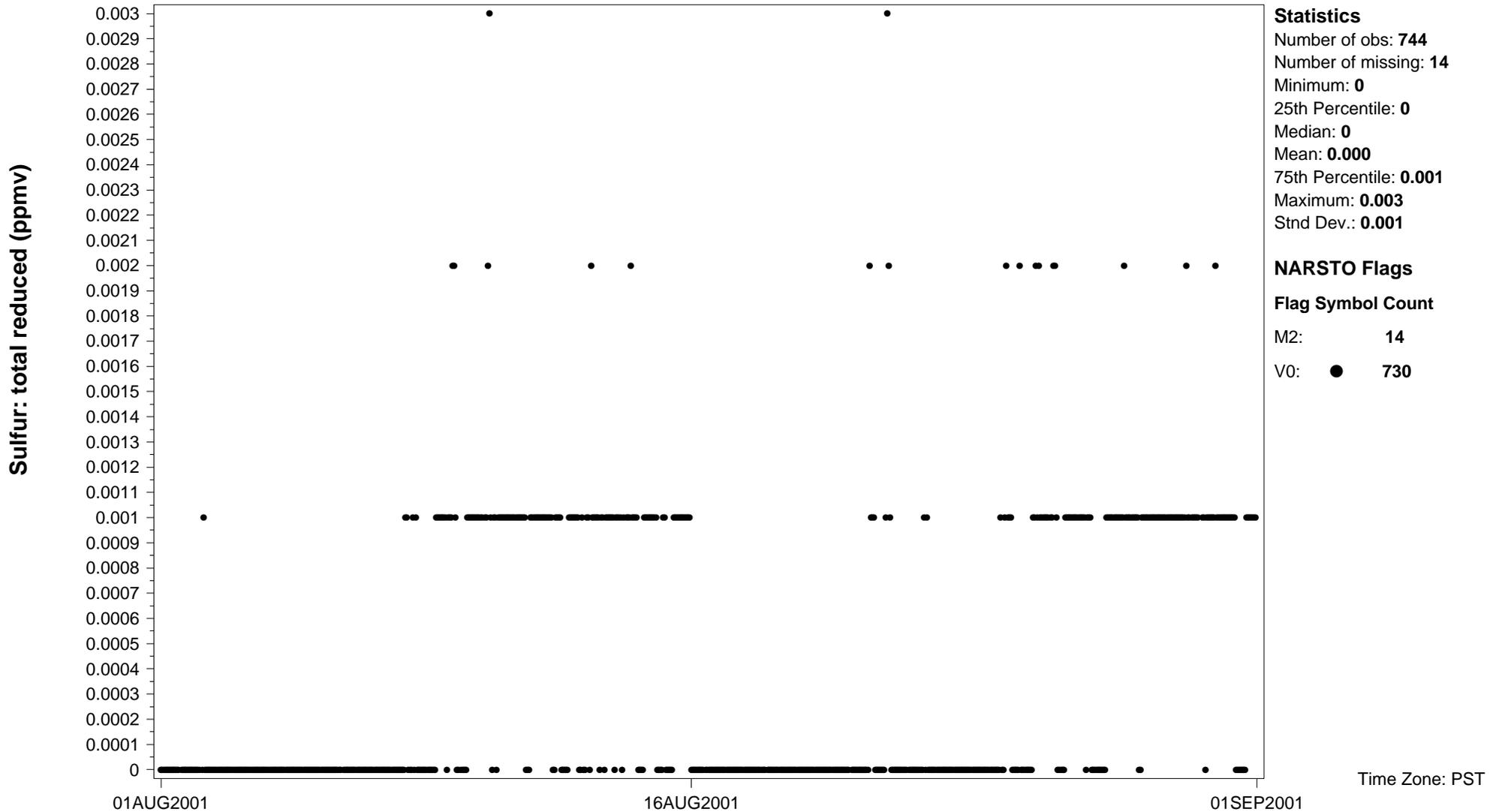


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



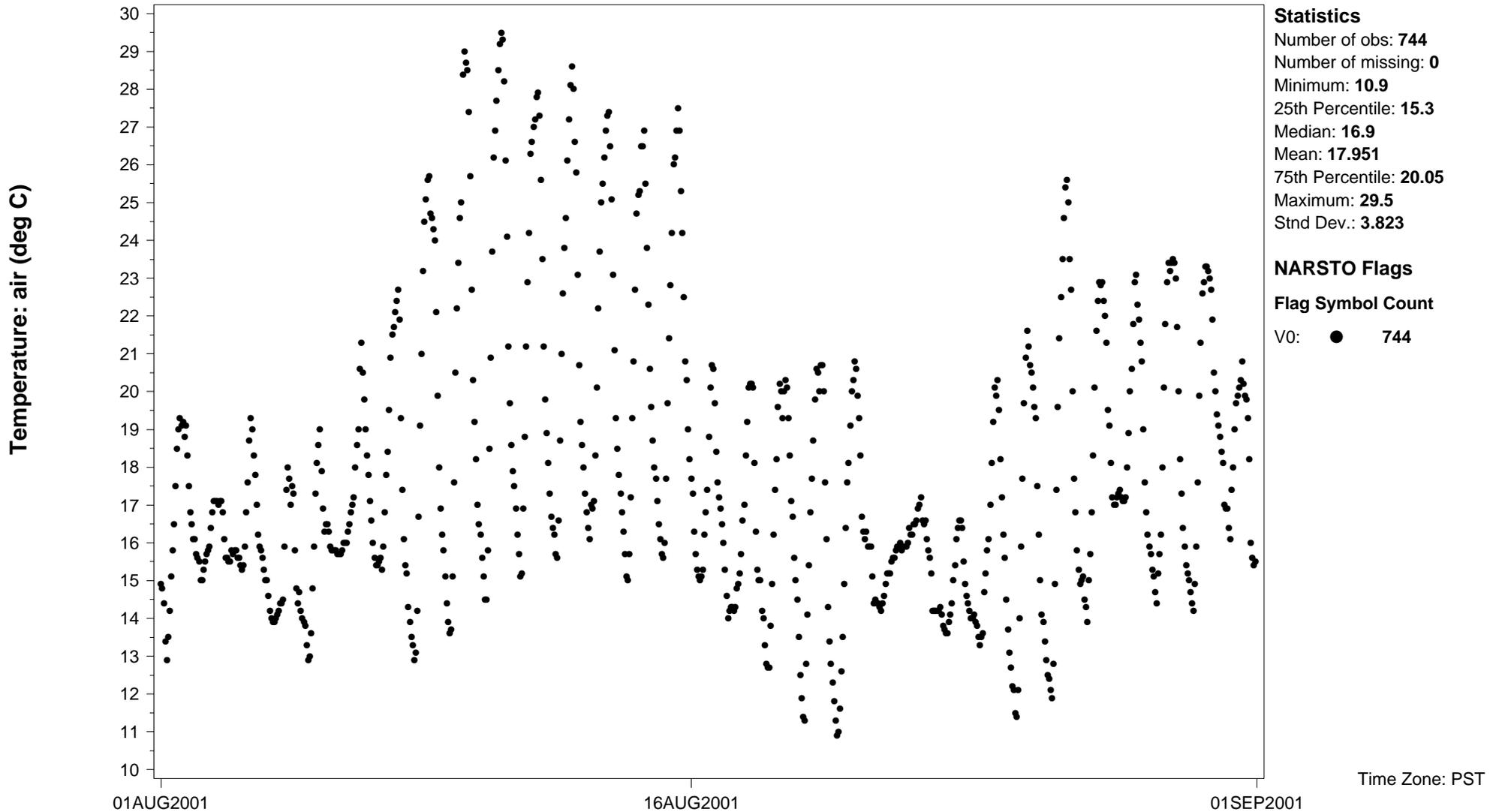
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



NAtChem Time Series Plot

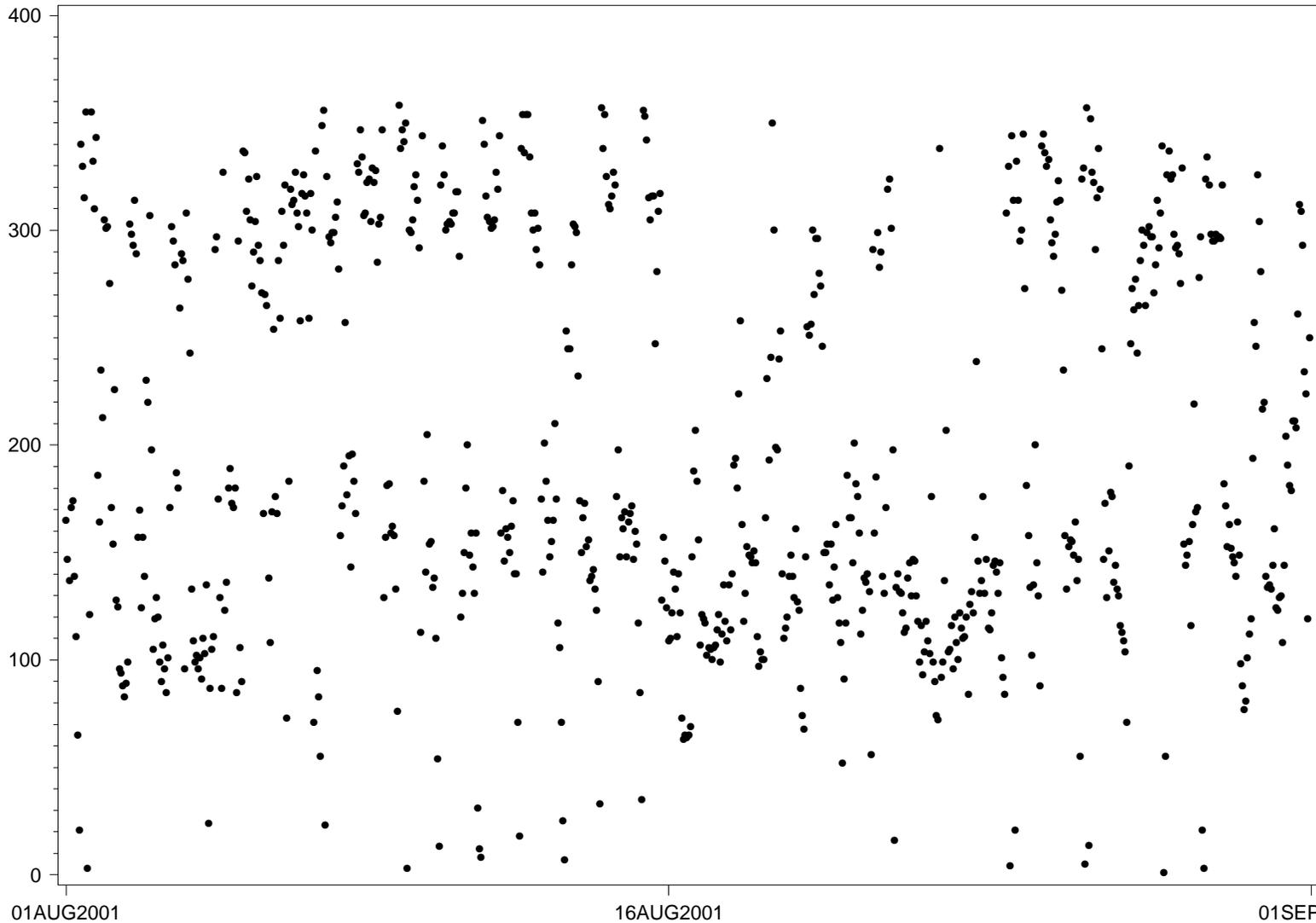
30SEP2004

Site ID: **PC01CABCT009** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **125.5**  
Median: **169**  
Mean: **197.832**  
75th Percentile: **297**  
Maximum: **358**  
Std Dev.: **92.496**

**NARSTO Flags**  
Flag Symbol Count  
V0: ● **744**

Time Zone: PST

# NAtChem Time Series Plot

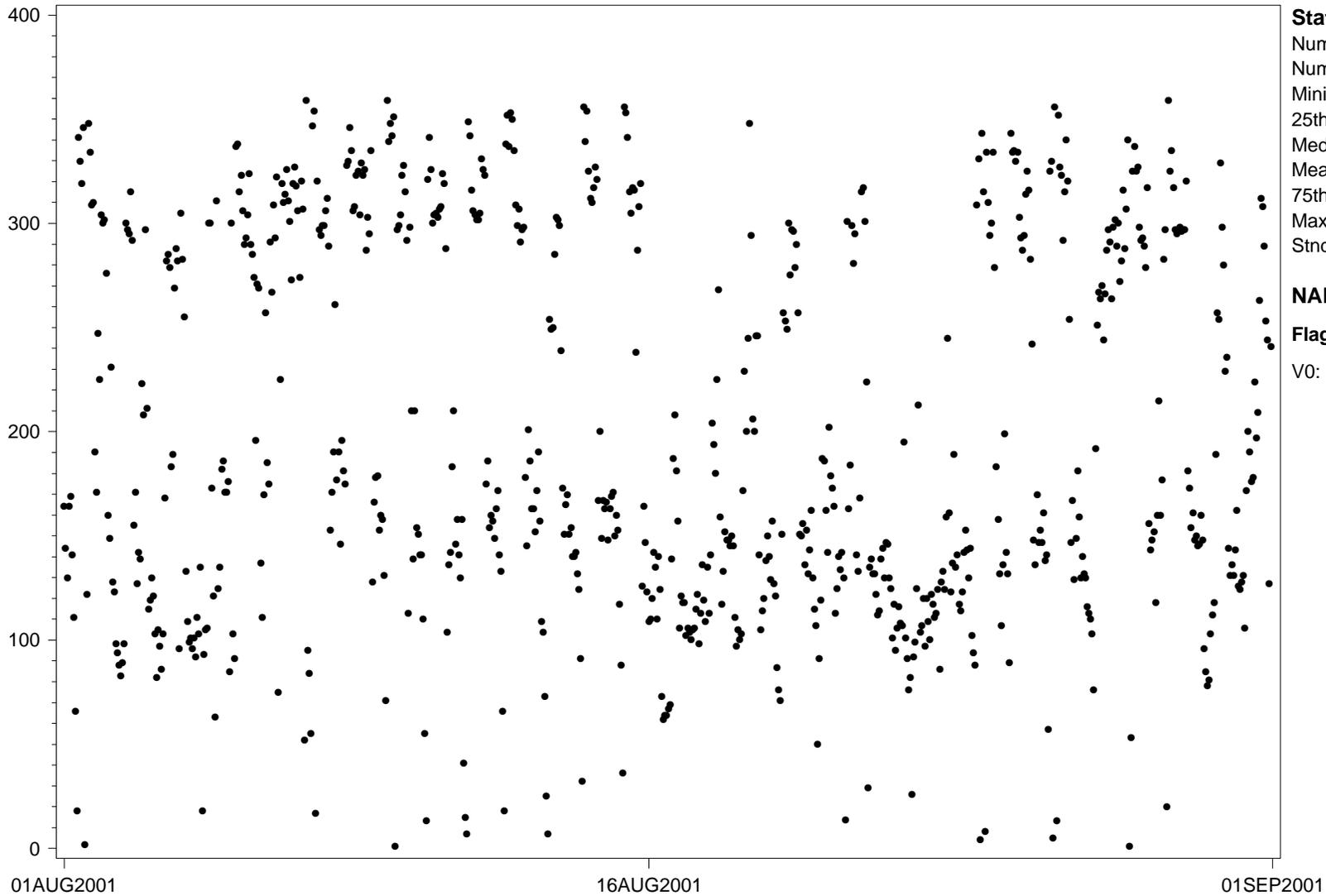
30SEP2004

Site ID: **PC01CABCT009** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

Wind direction: horizontal resultant mean vector (decimal degree)



Time Zone: PST

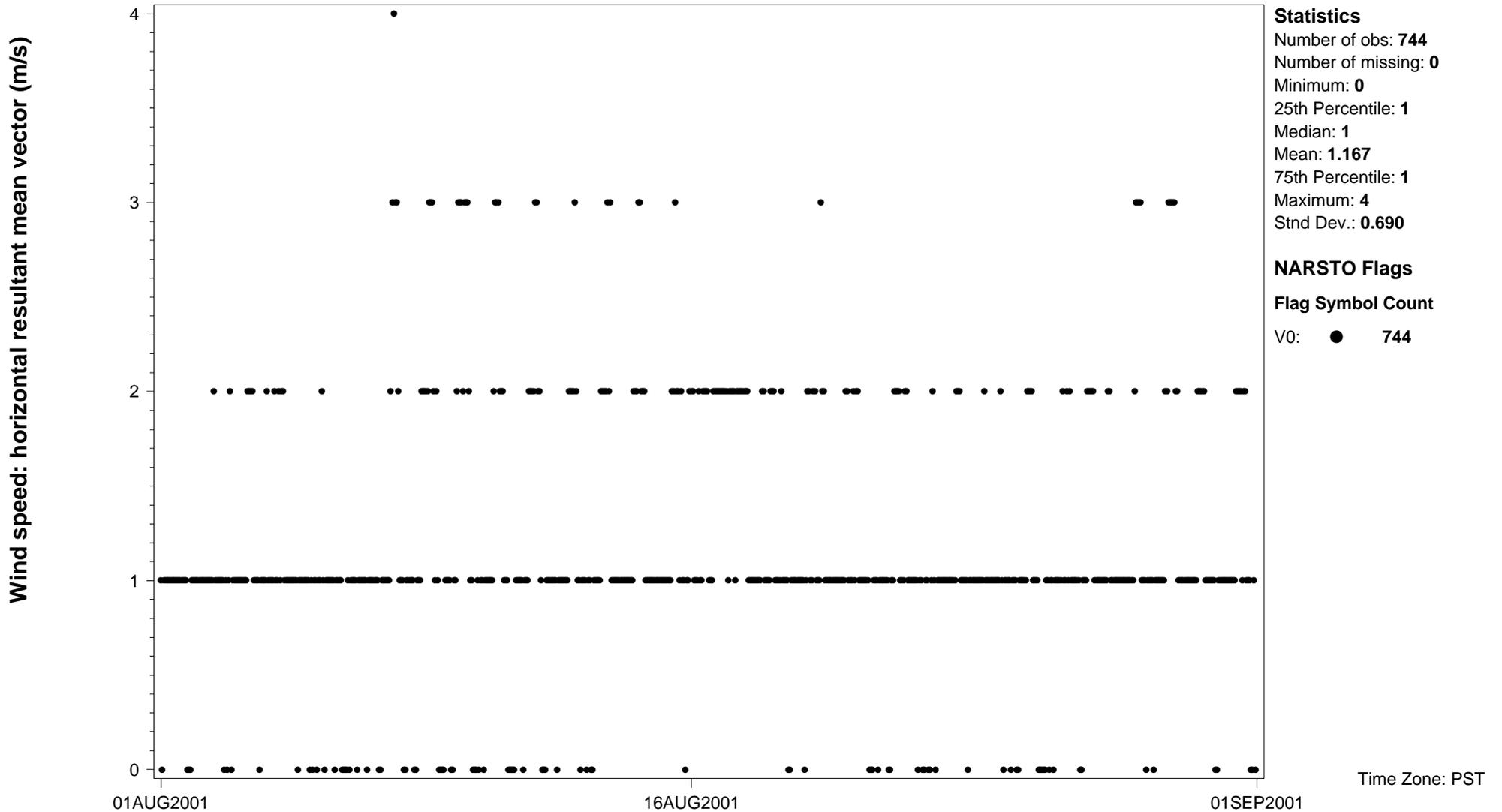
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:



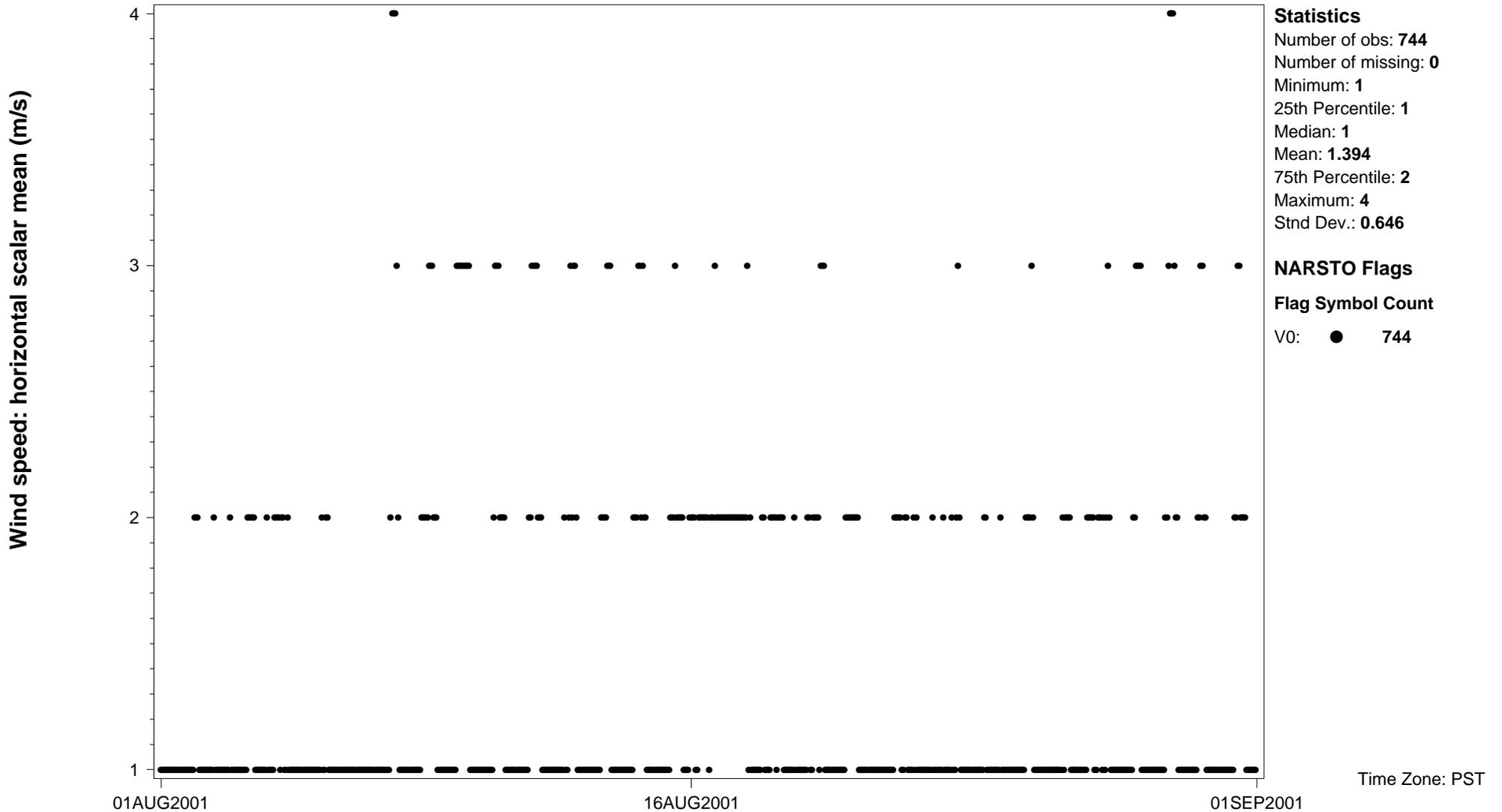
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT009** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ROCKY POINT PARK - MOODY STREET AND ESPLANADE - PORT MOODY, British Columbia** Latitude: **49.28194444 deg.** Longitude: **-121.9405556 deg.** Start D:

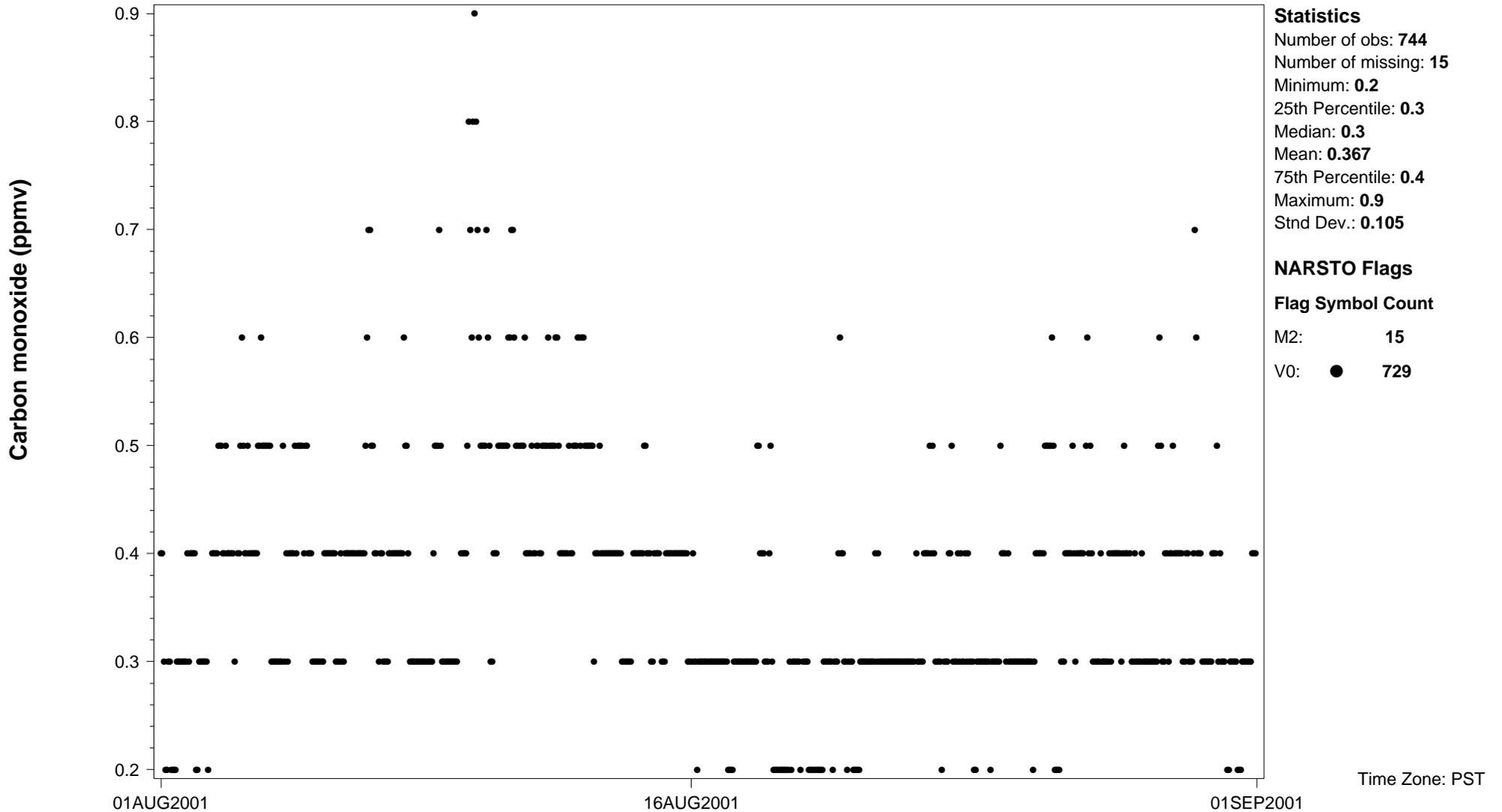


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

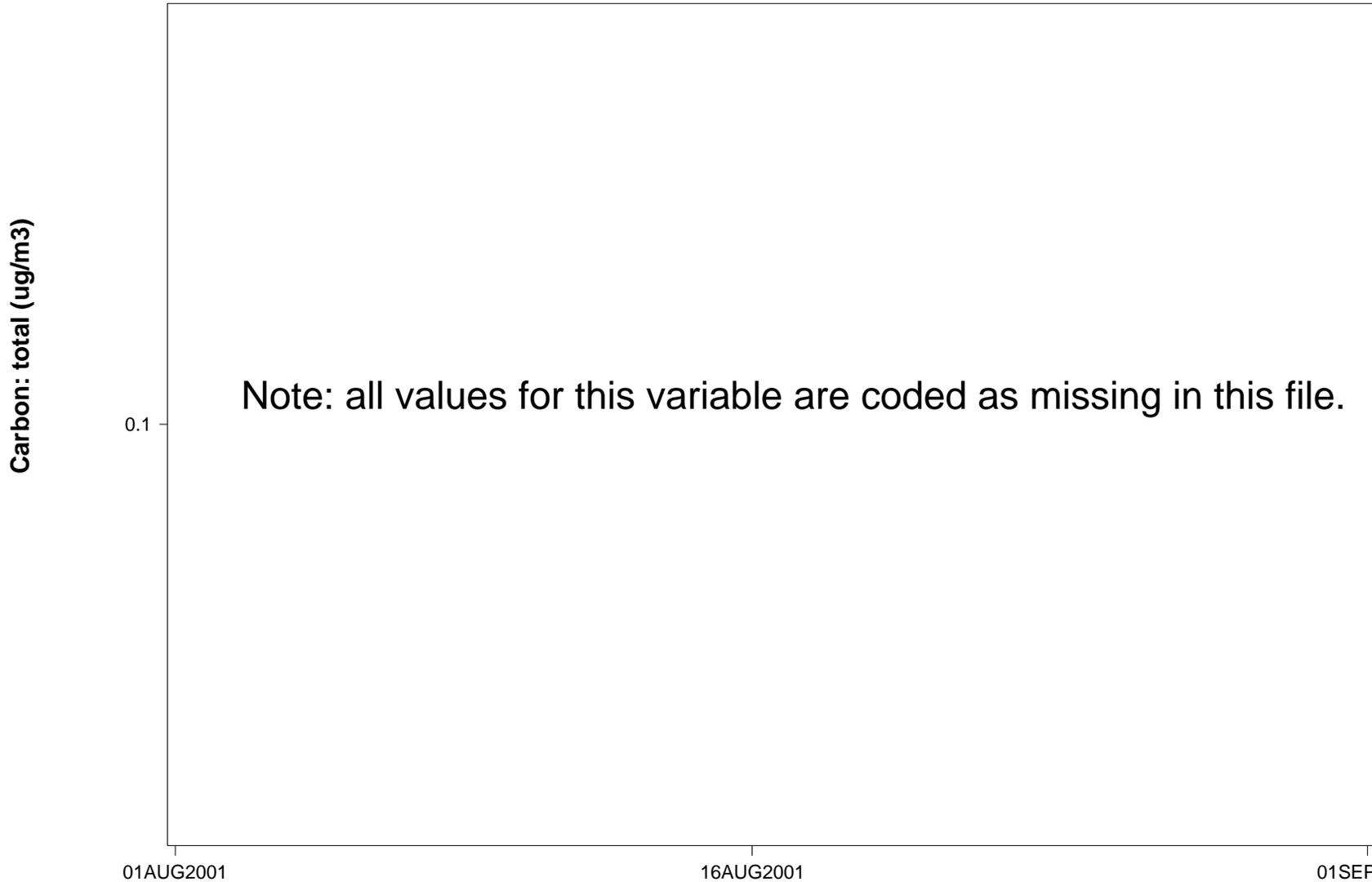
Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT012** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

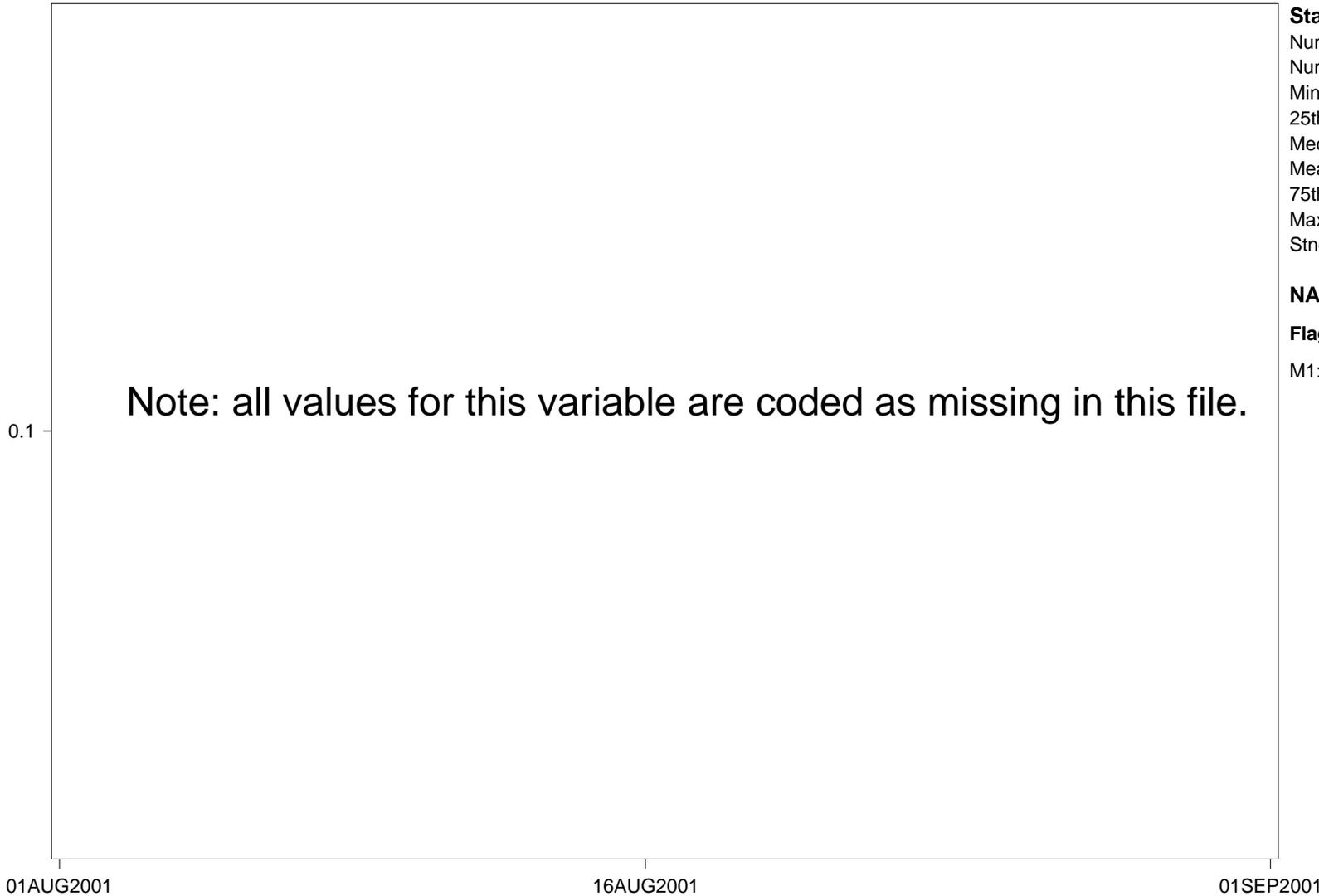
Time Zone: PST

Site ID: **PC01CABCT012** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

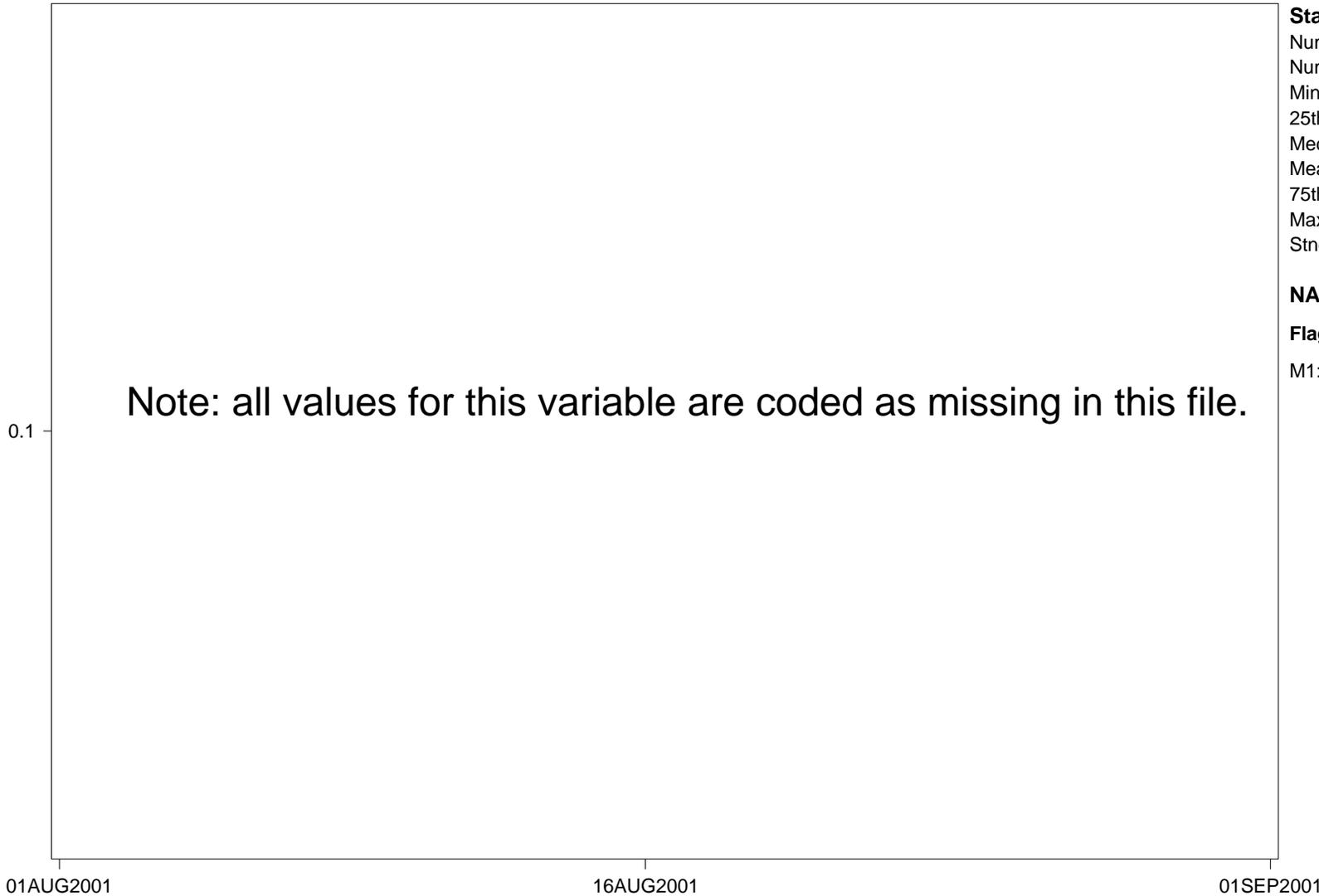
Time Zone: PST

Site ID: **PC01CABCT012** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

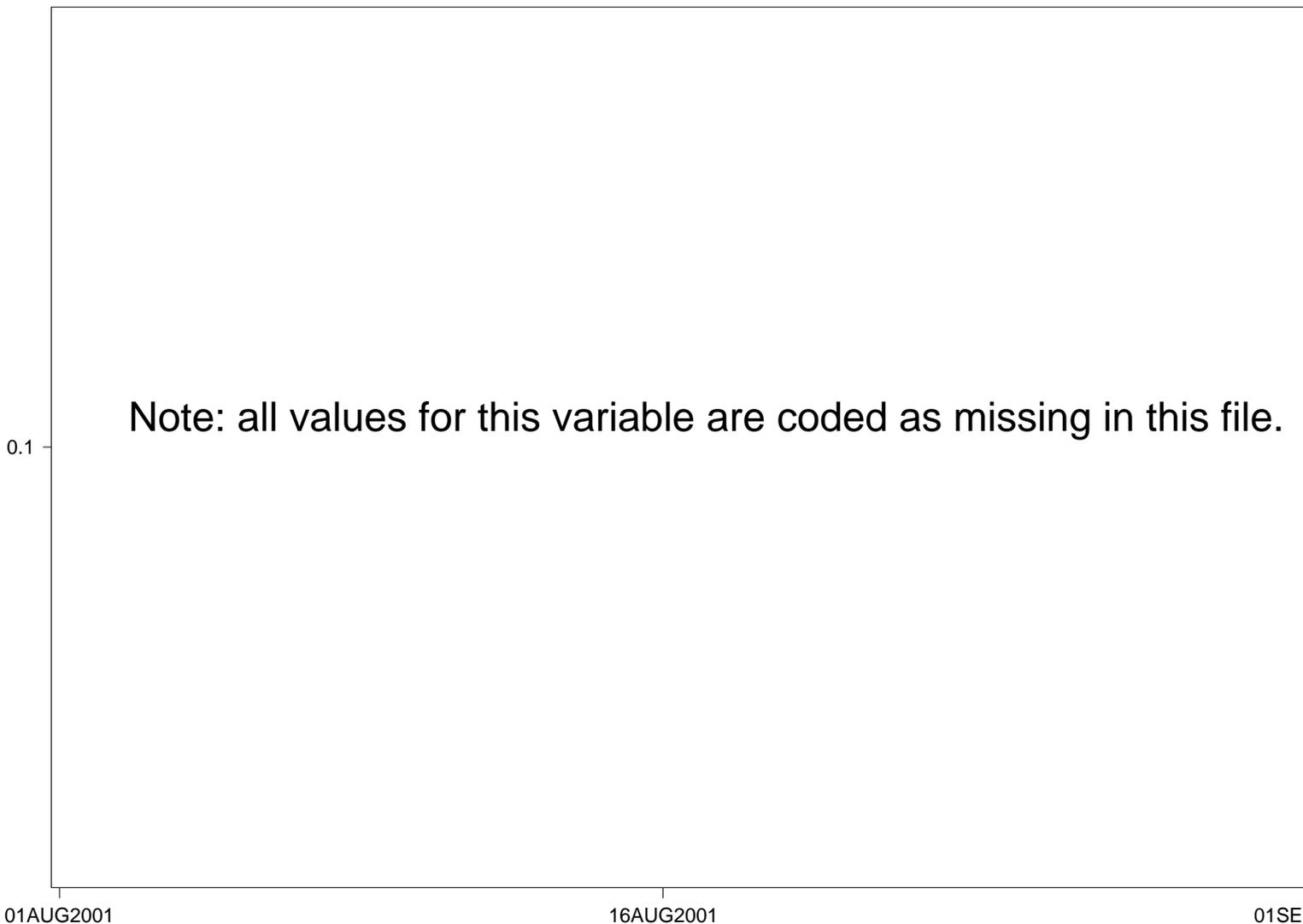
Time Zone: PST

Site ID: **PC01CABCT012** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

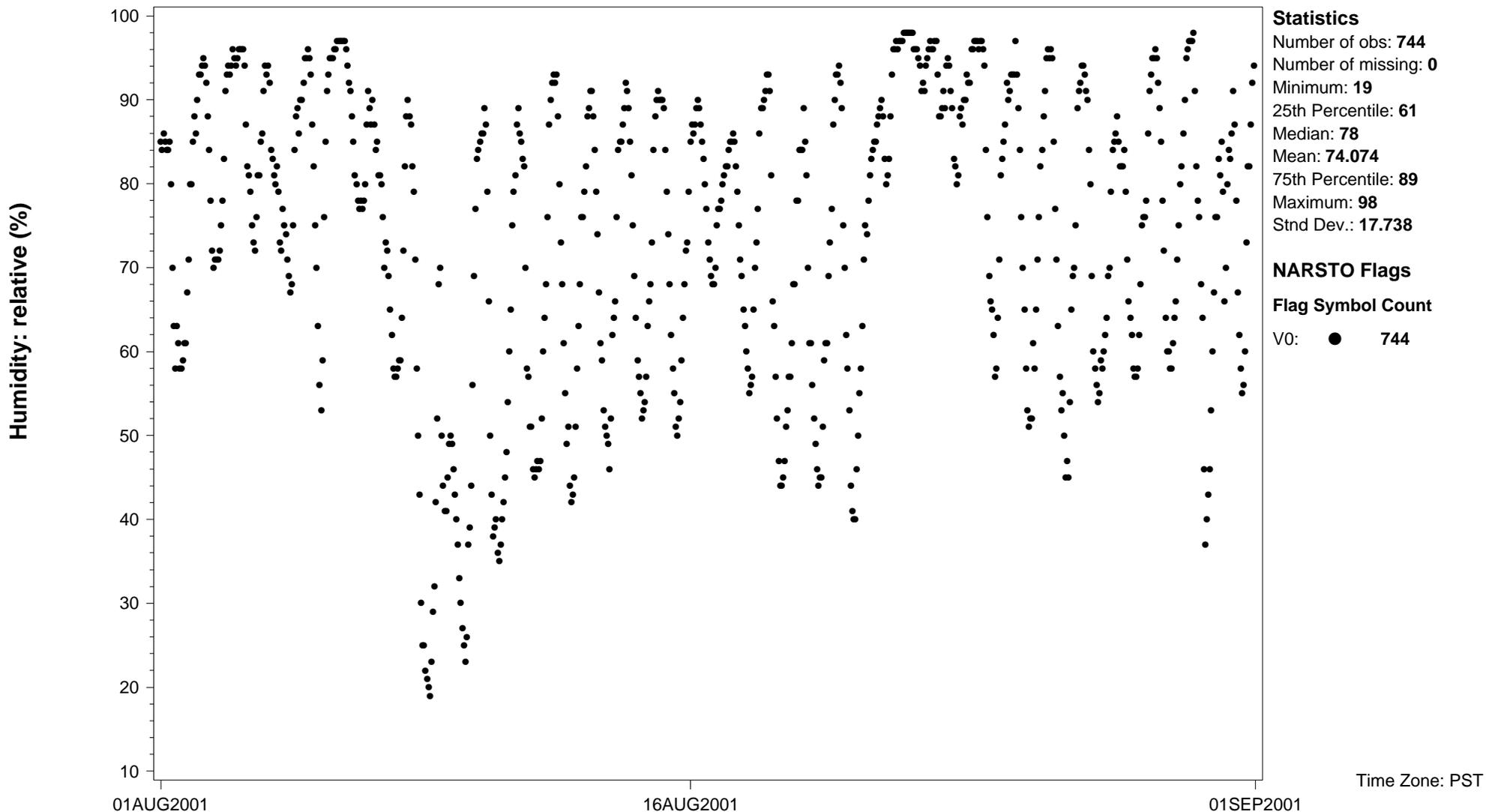
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT012** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

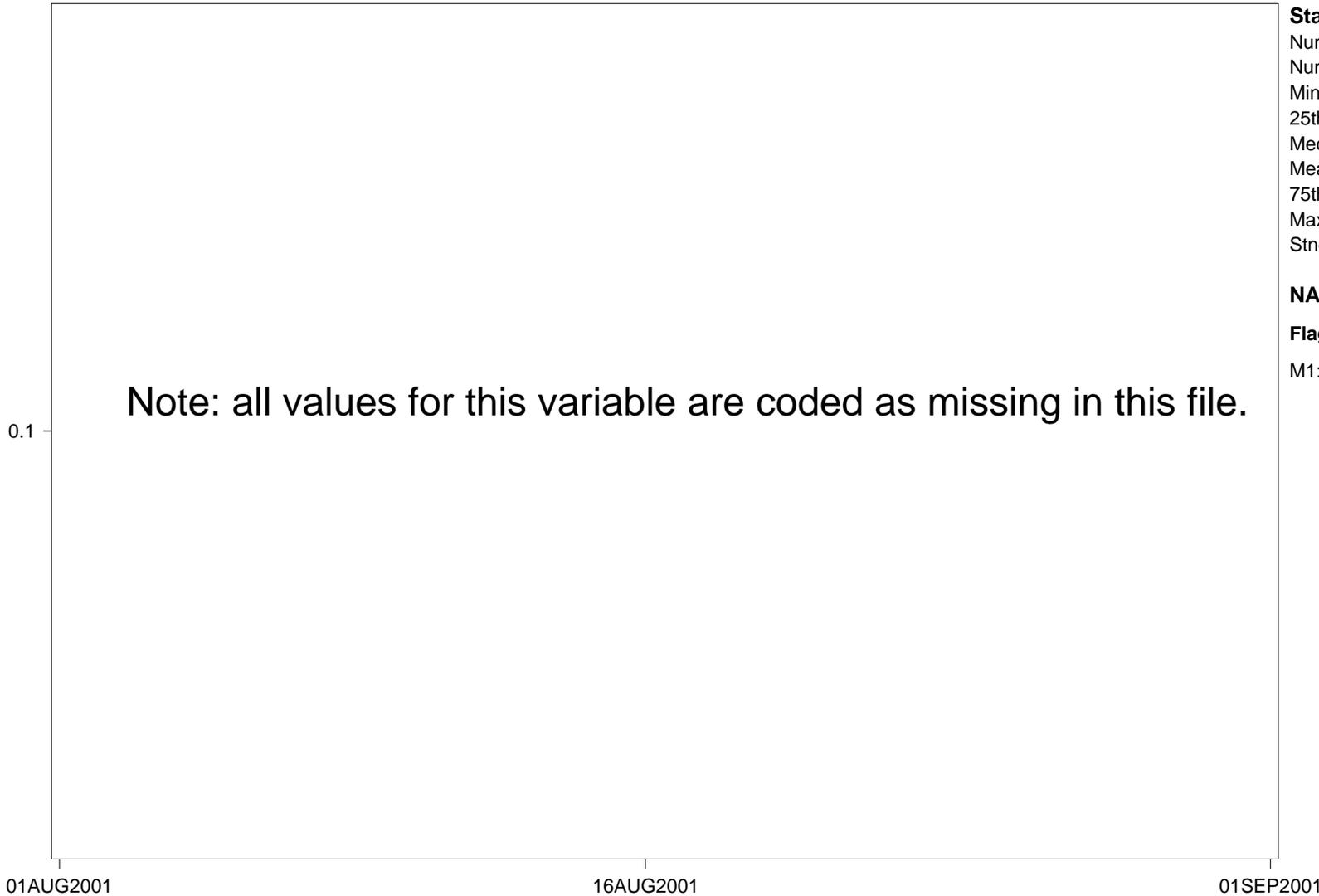
Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT012** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Note: all values for this variable are coded as missing in this file.

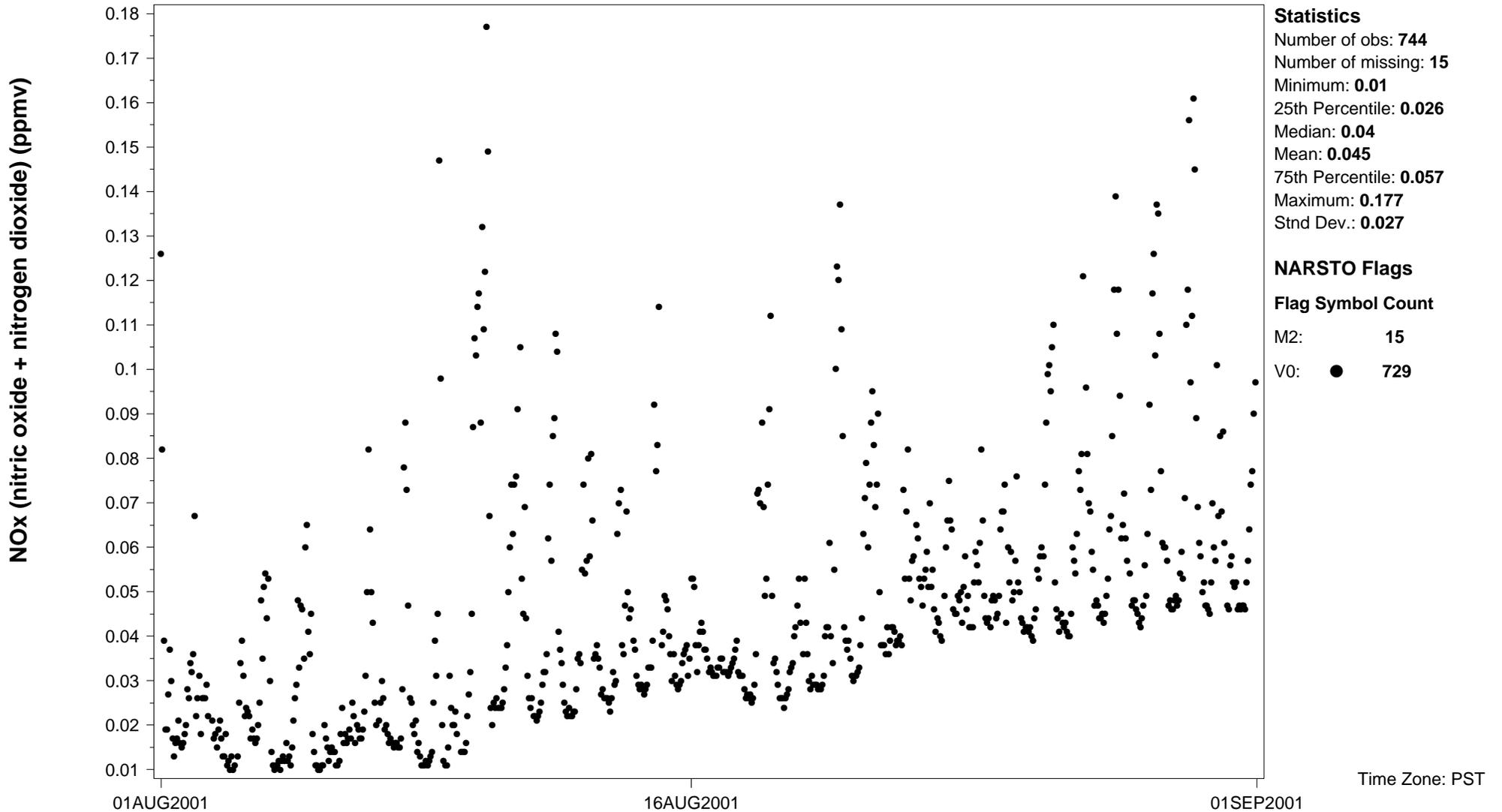
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



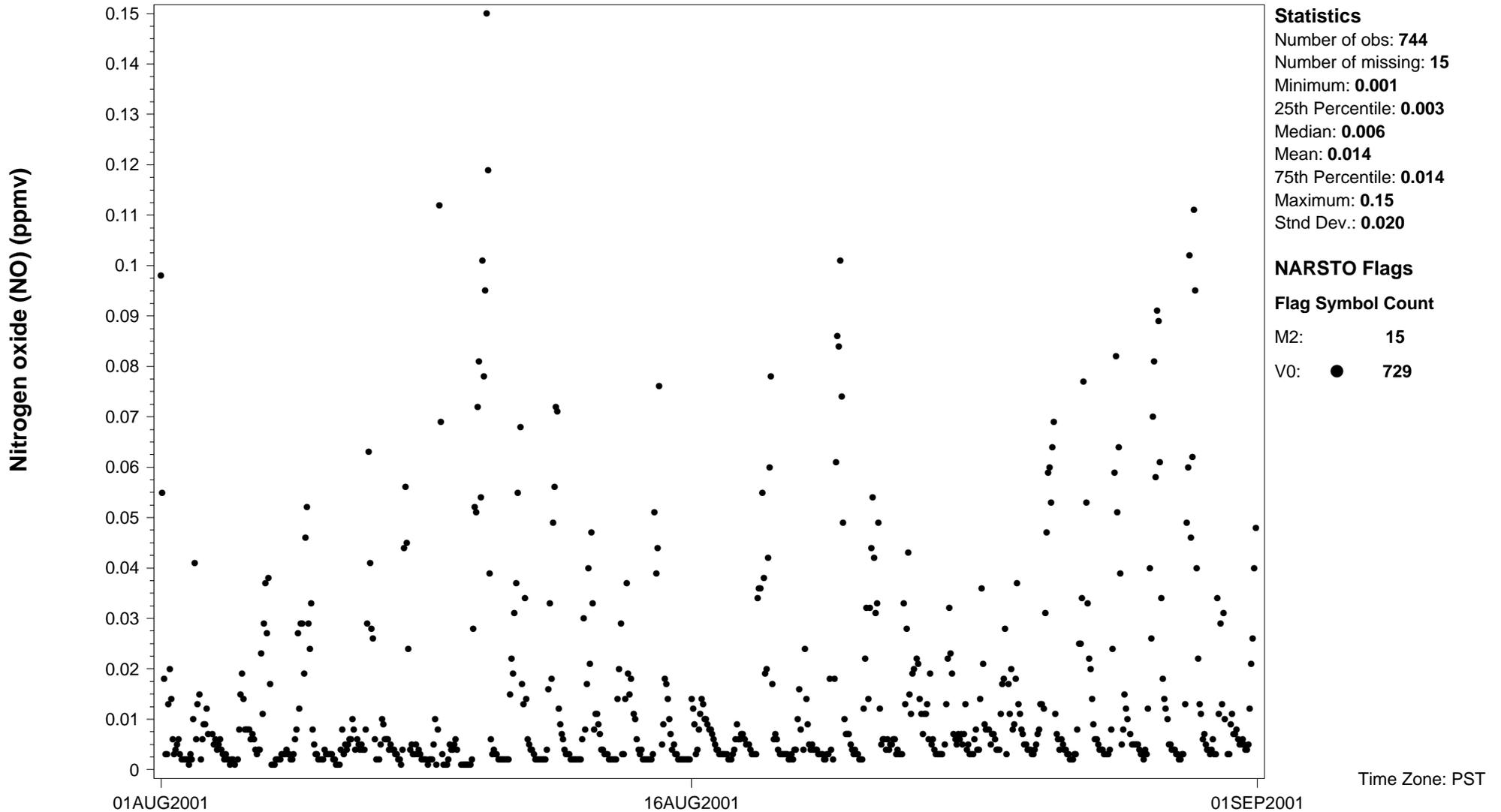
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

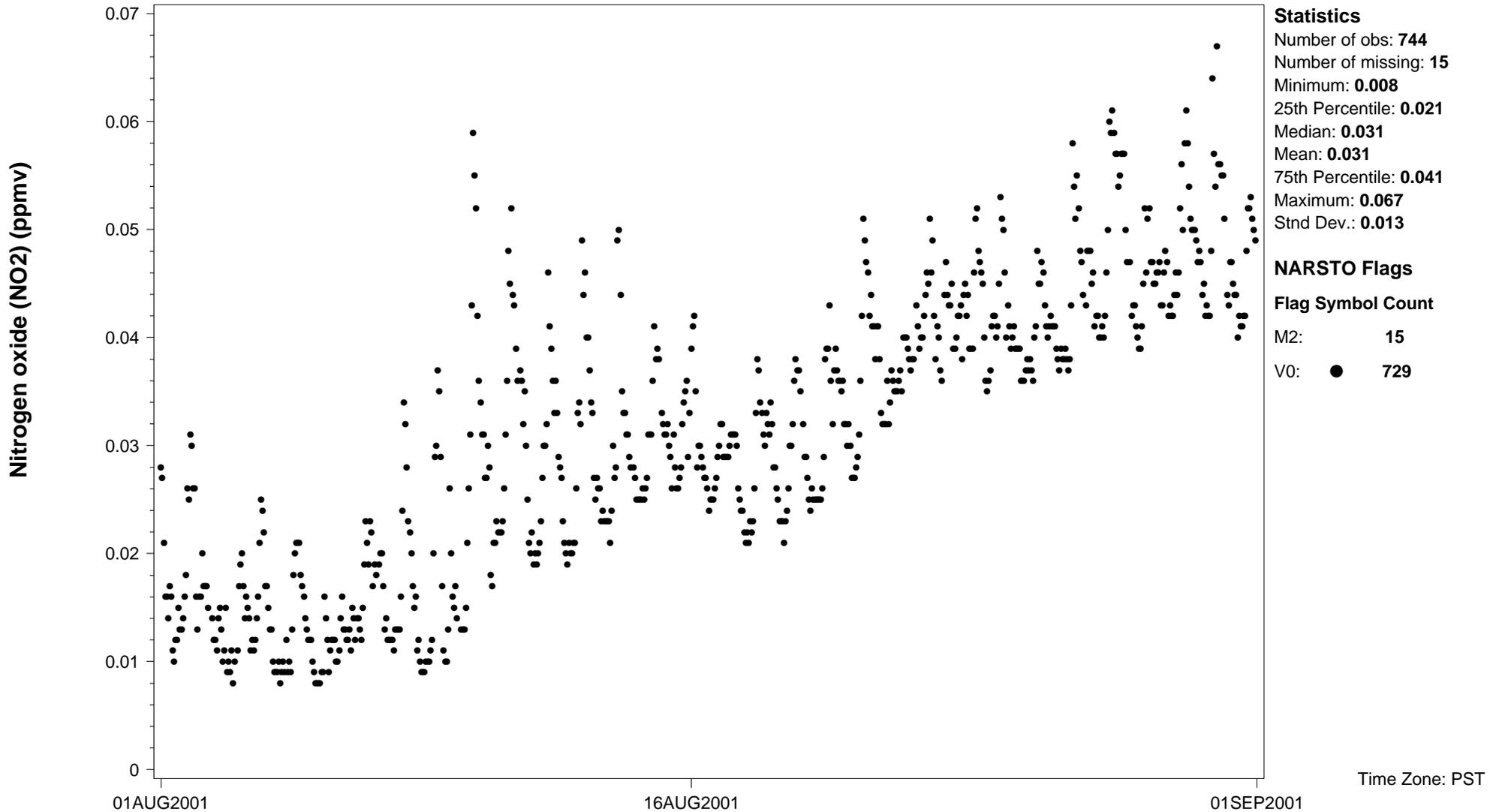


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

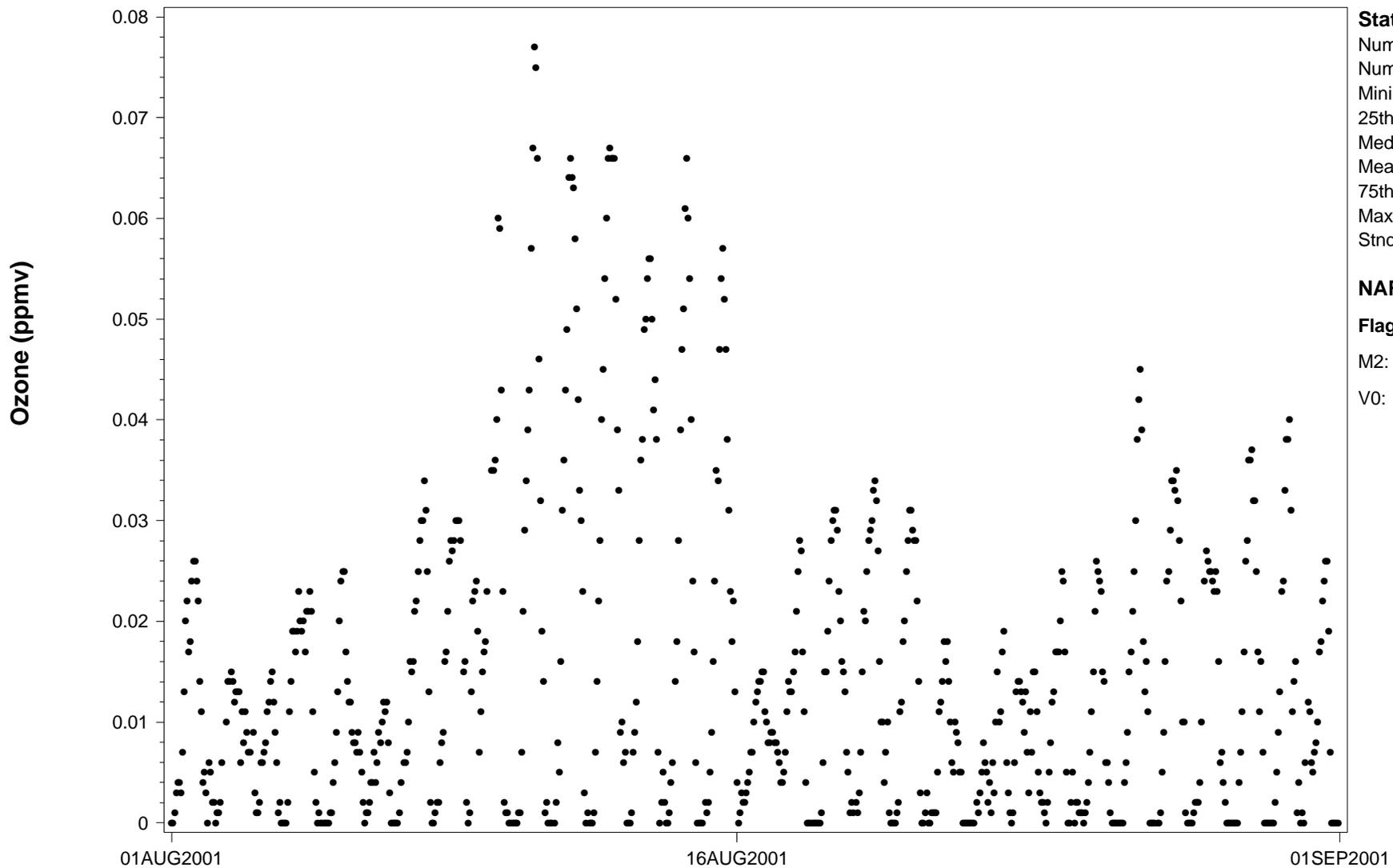


NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **16**  
 Minimum: **0**  
 25th Percentile: **0.002**  
 Median: **0.01**  
 Mean: **0.014**  
 75th Percentile: **0.022**  
 Maximum: **0.077**  
 Std Dev.: **0.015**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **16**  
 V0: ● **728**

Time Zone: PST

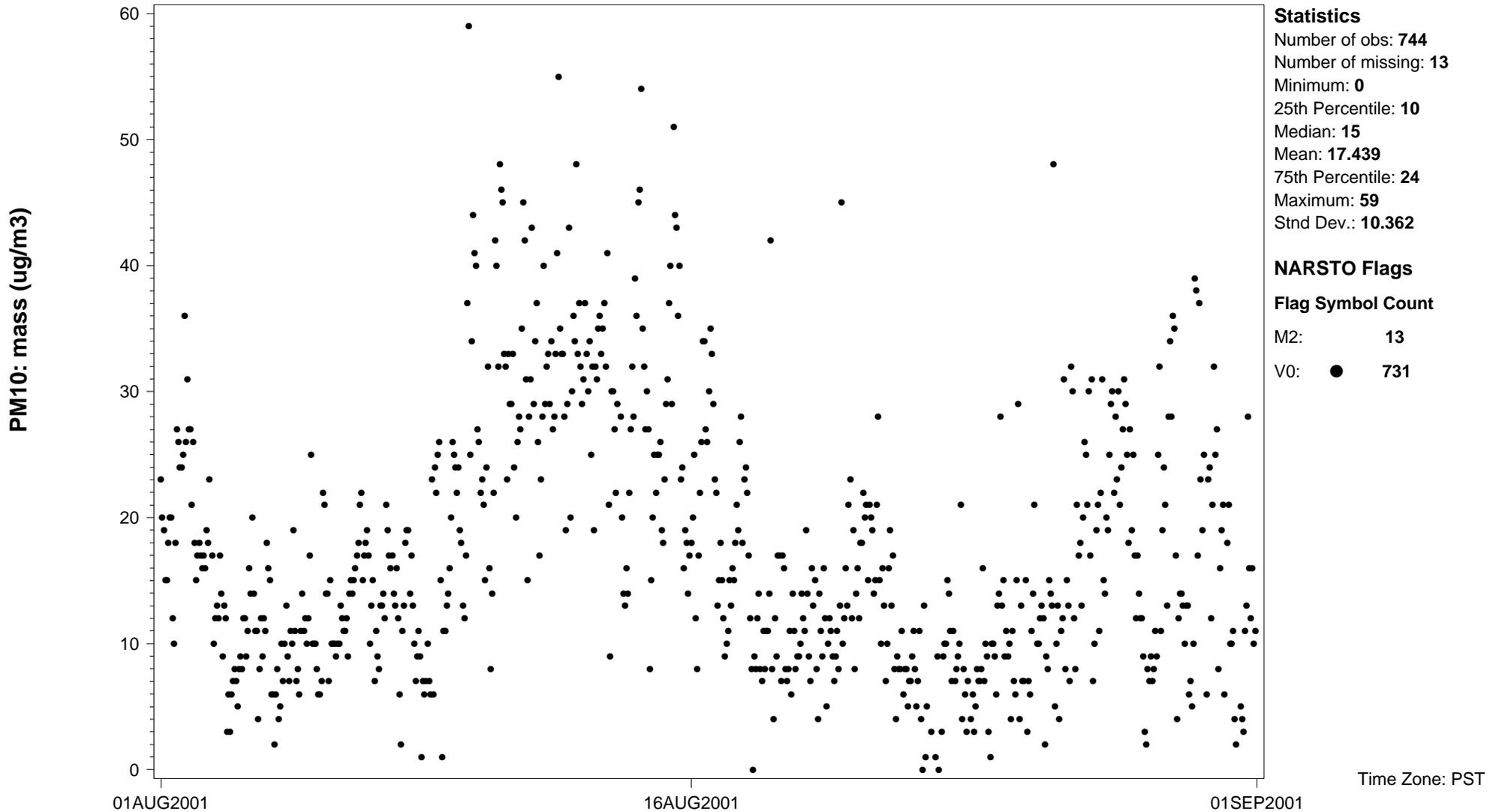
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



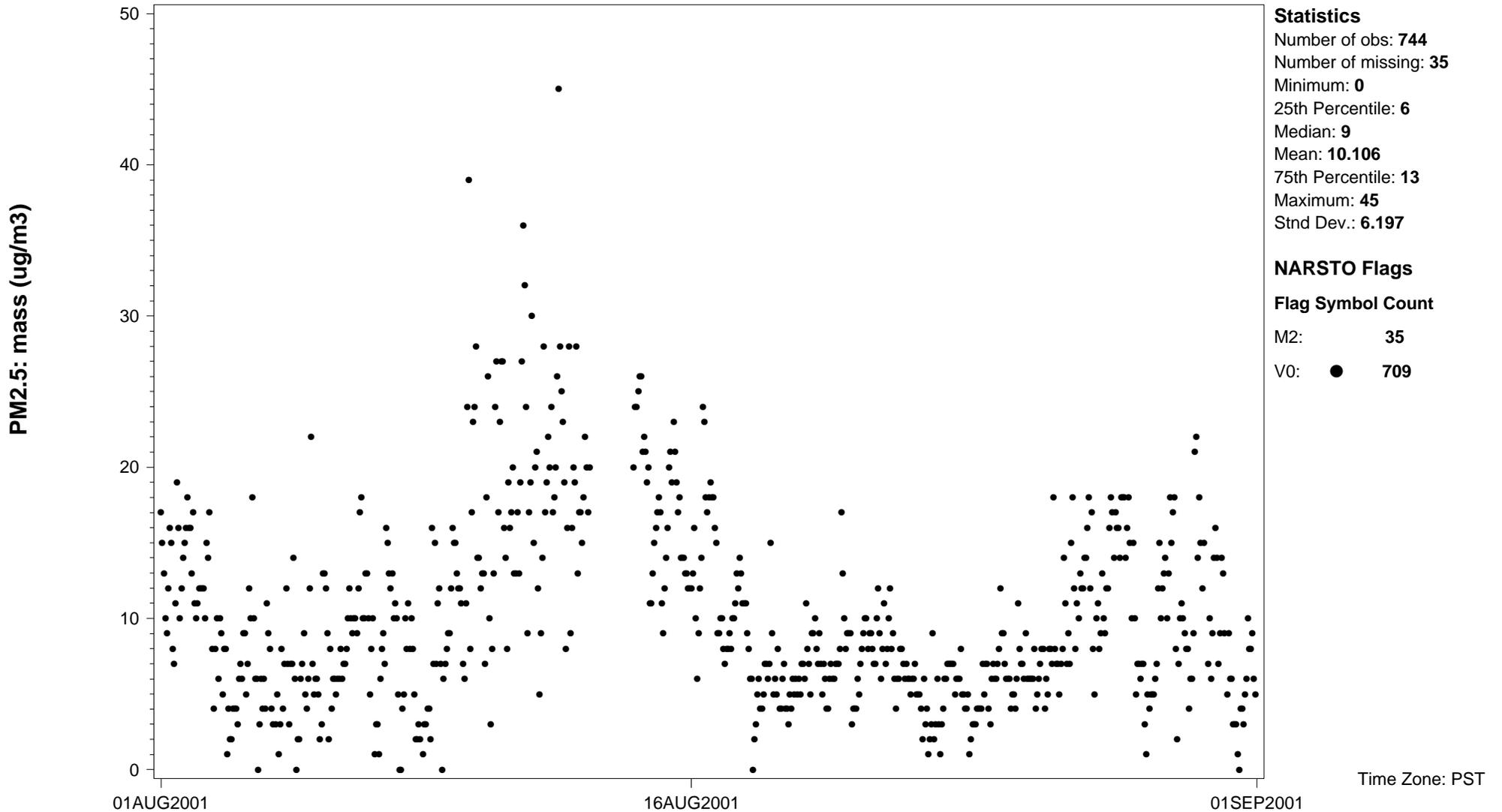
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



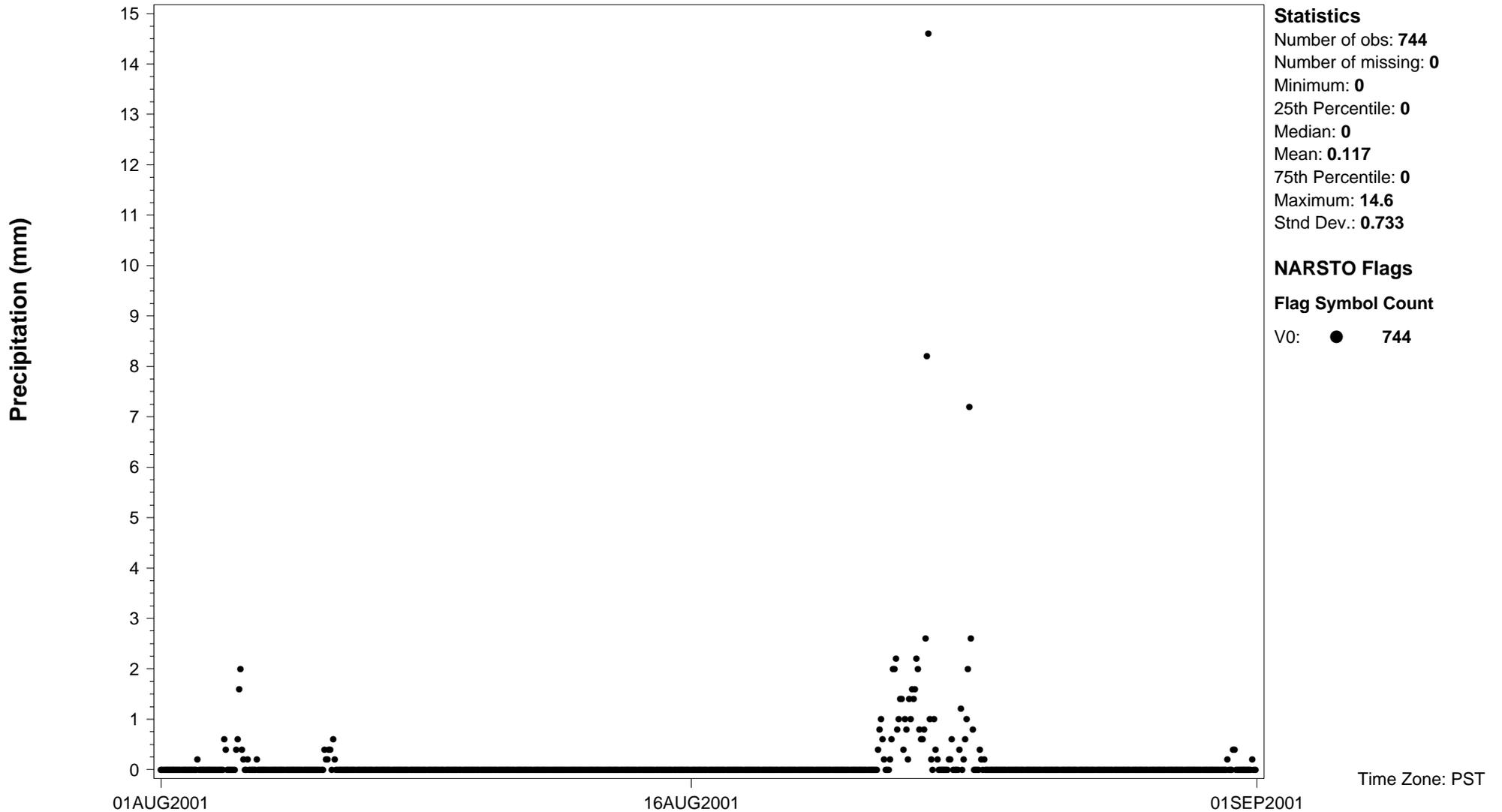
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

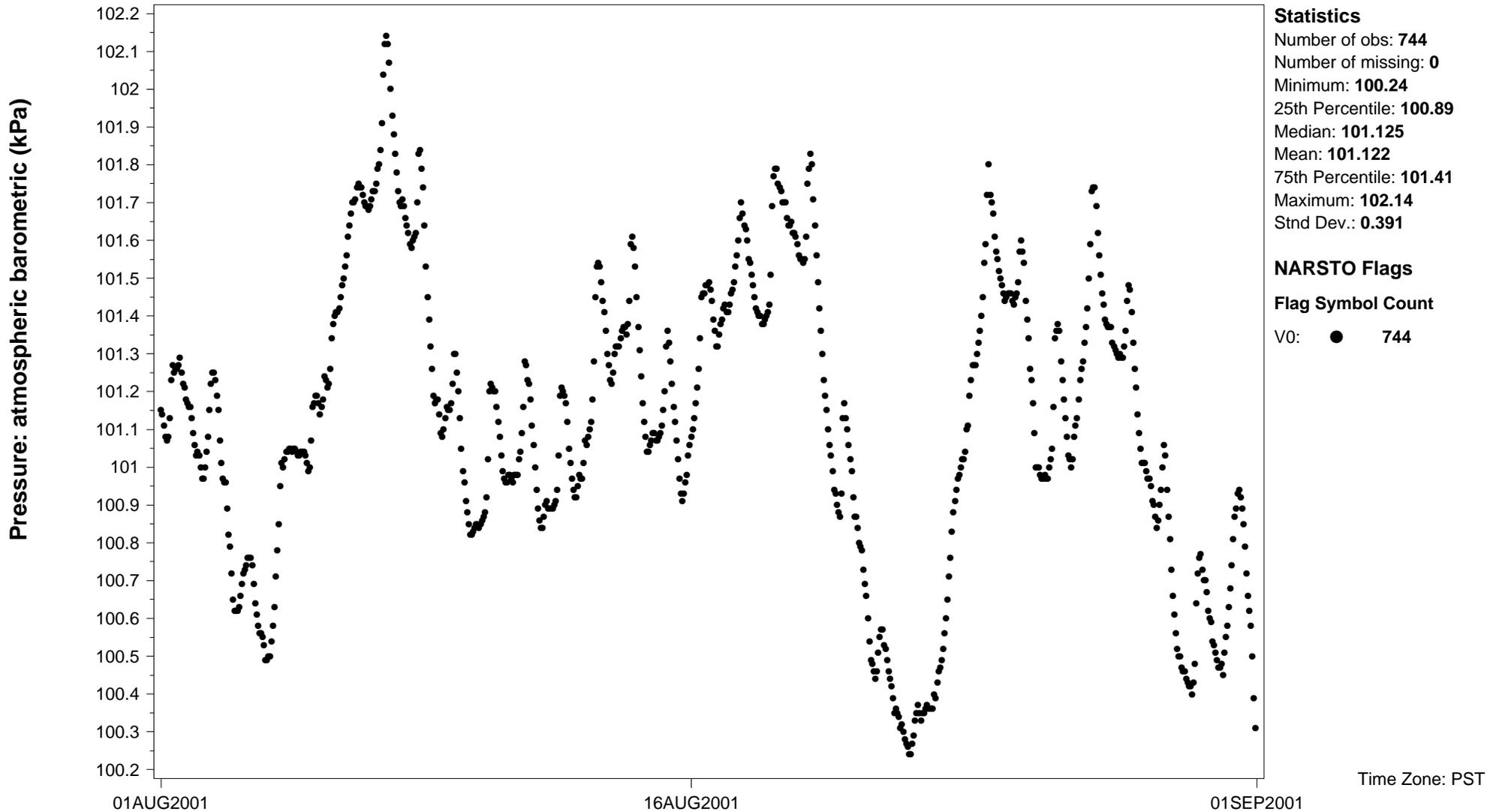


# NAtChem Time Series Plot

30SEP2004

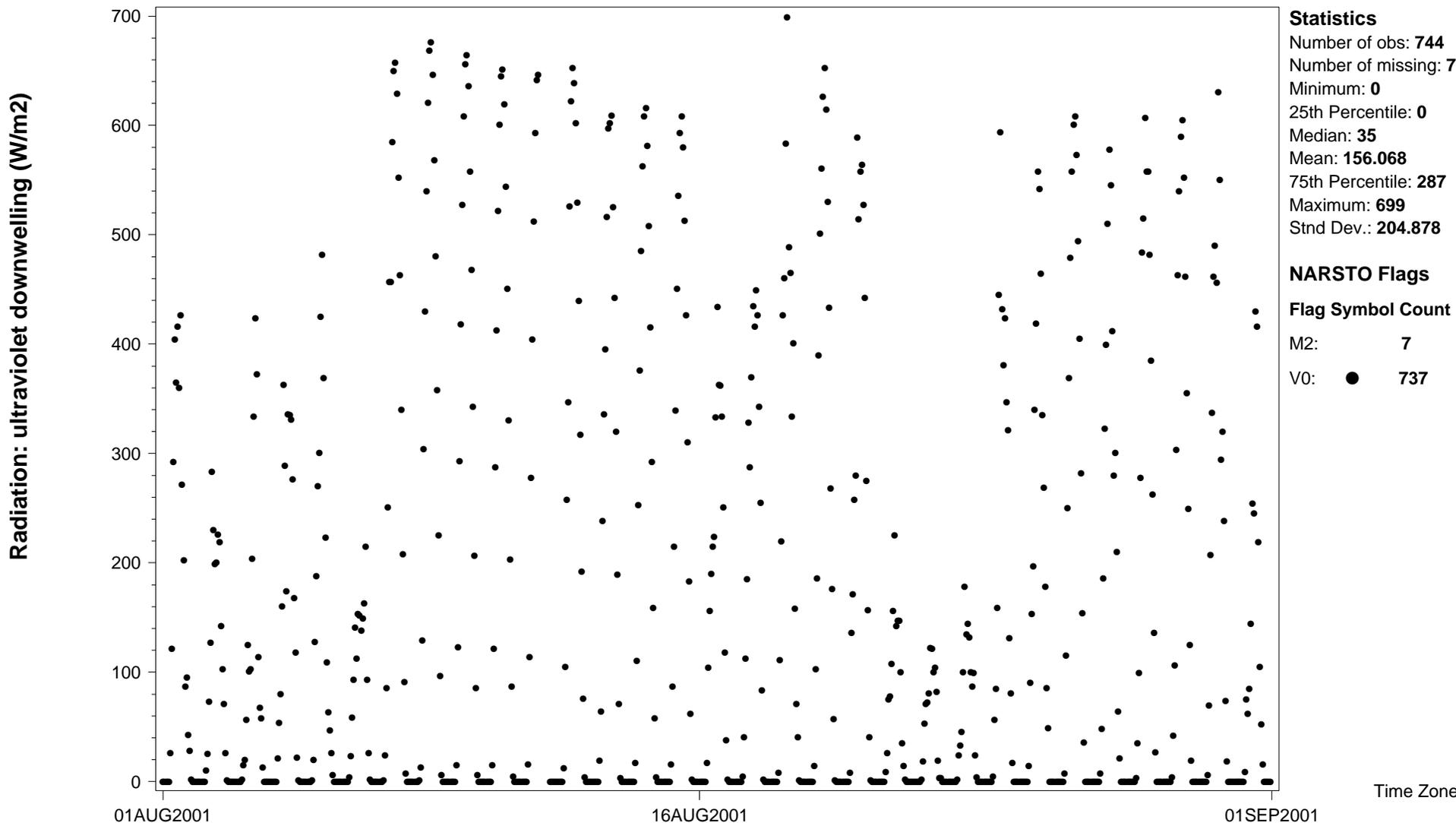
Site ID: **PC01CABCT012** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT012** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



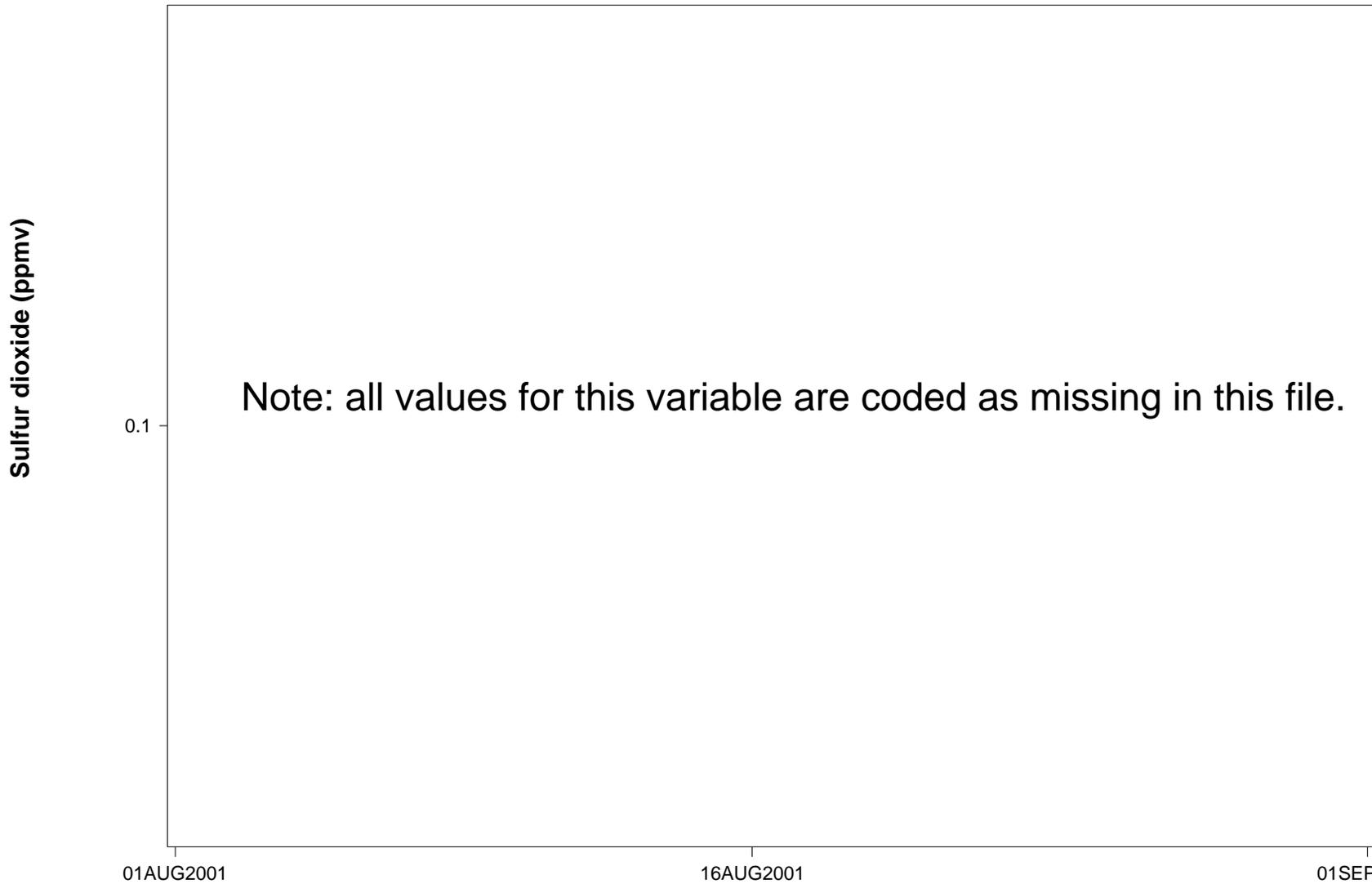
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



**Statistics**  
Number of obs: **744**  
Number of missing: **744**  
Minimum: .  
25th Percentile: .  
Median: .  
Mean: .  
75th Percentile: .  
Maximum: .  
Std Dev.: .

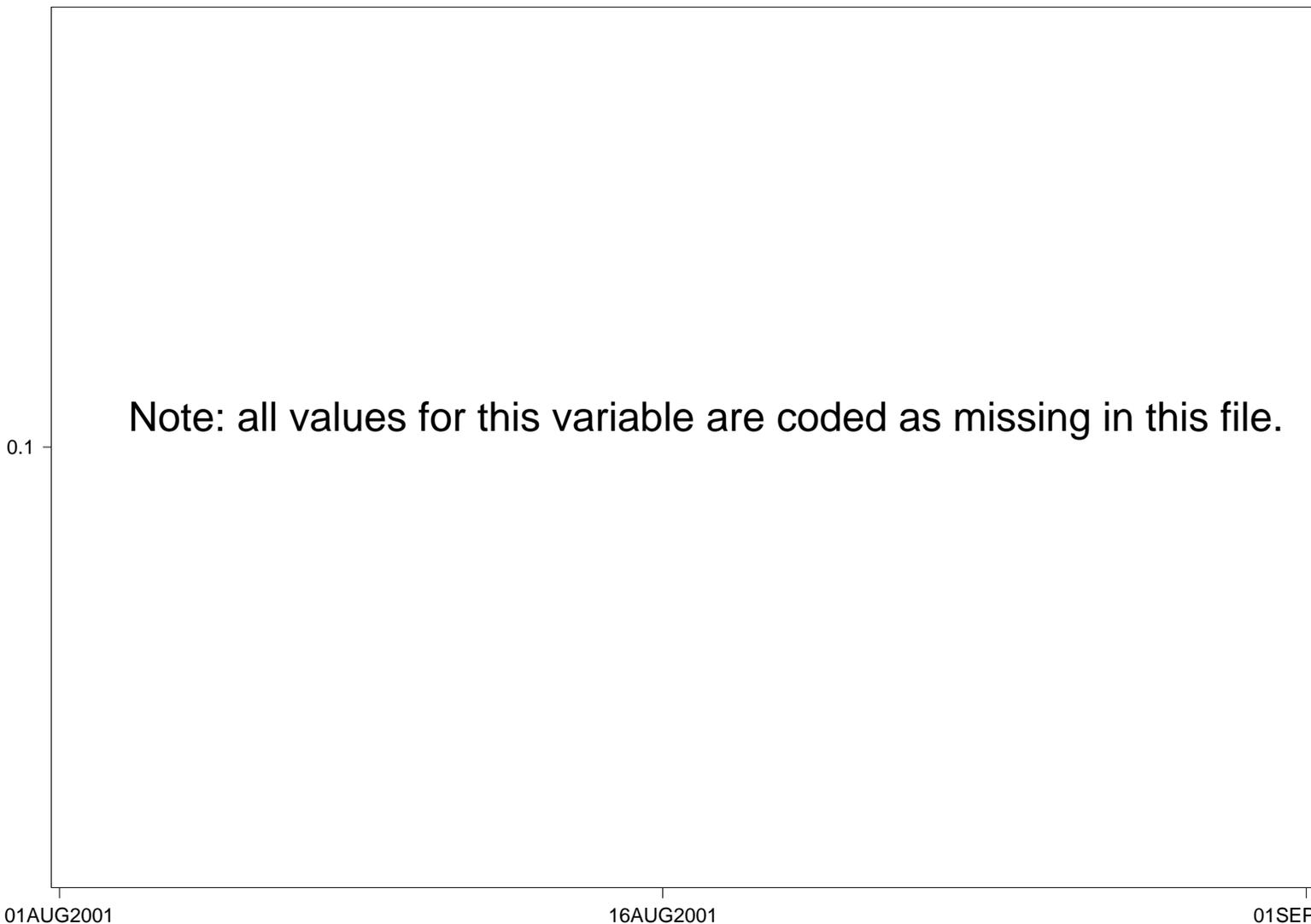
**NARSTO Flags**  
**Flag Symbol Count**  
M2: **744**

Time Zone: PST

Site ID: **PC01CABCT012** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

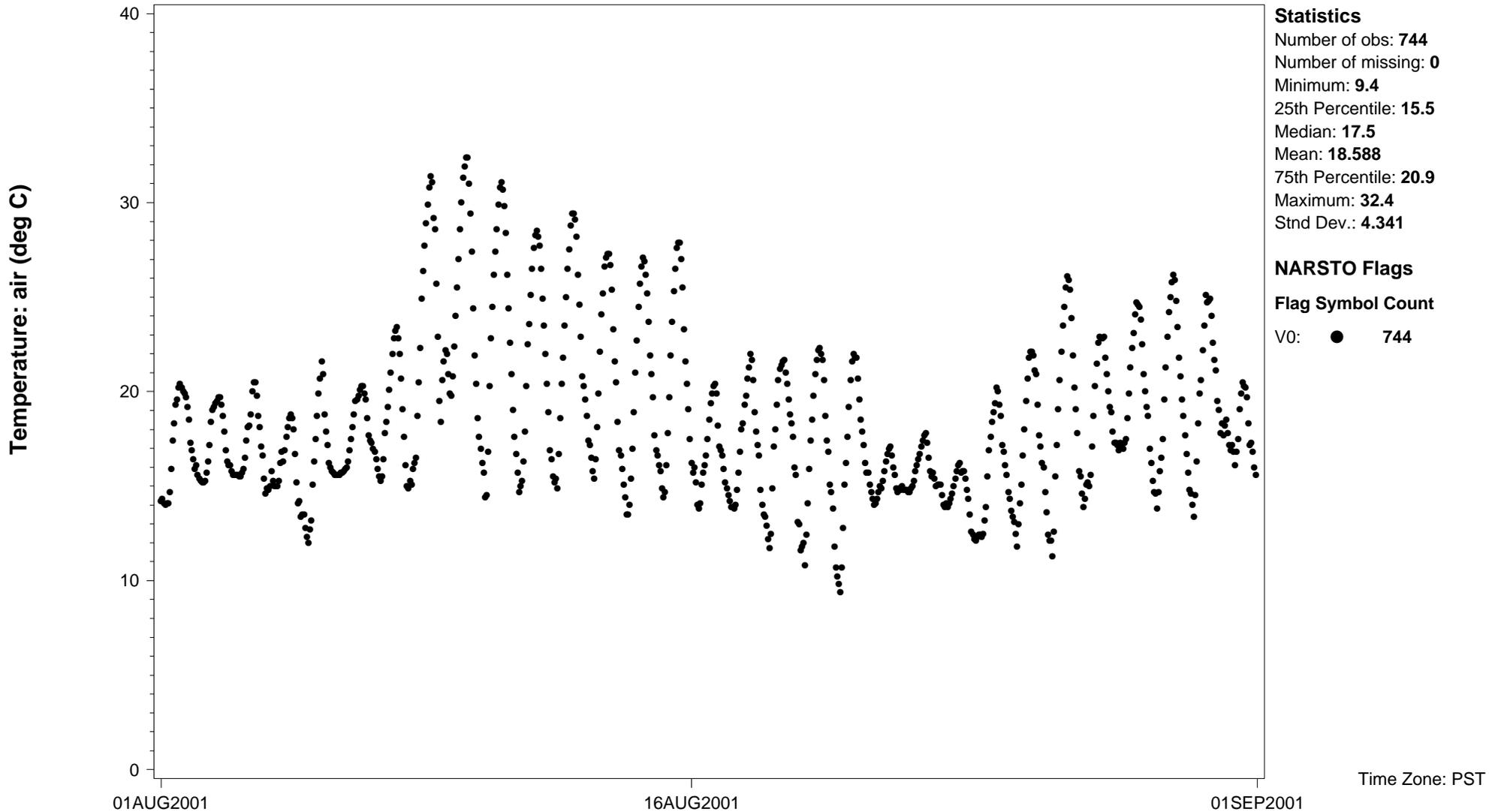
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**



NAtChem Time Series Plot

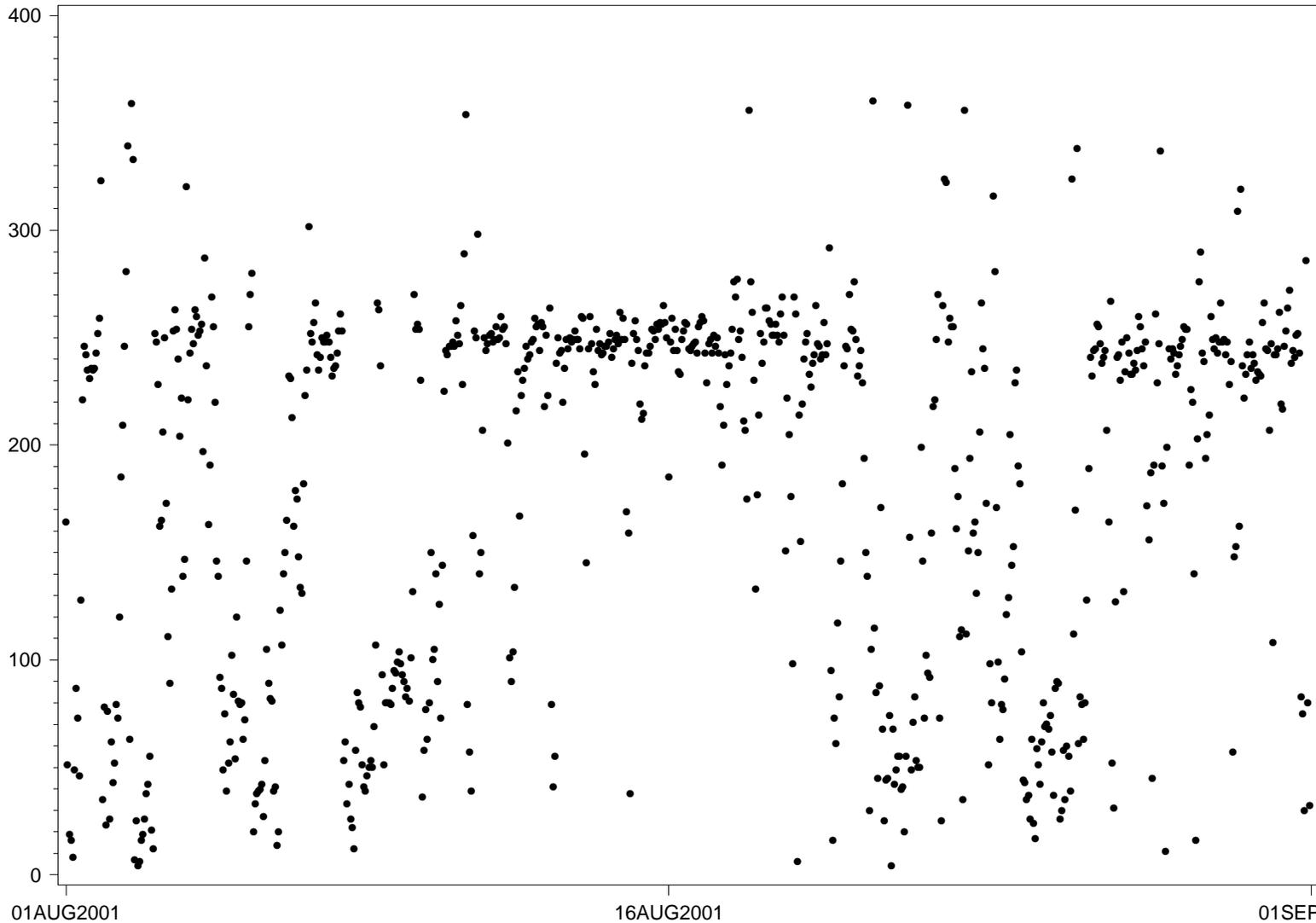
30SEP2004

Site ID: **PC01CABCT012** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **4**  
 25th Percentile: **90**  
 Median: **229.5**  
 Mean: **181.293**  
 75th Percentile: **249**  
 Maximum: **360**  
 Std Dev.: **87.584**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

NAtChem Time Series Plot

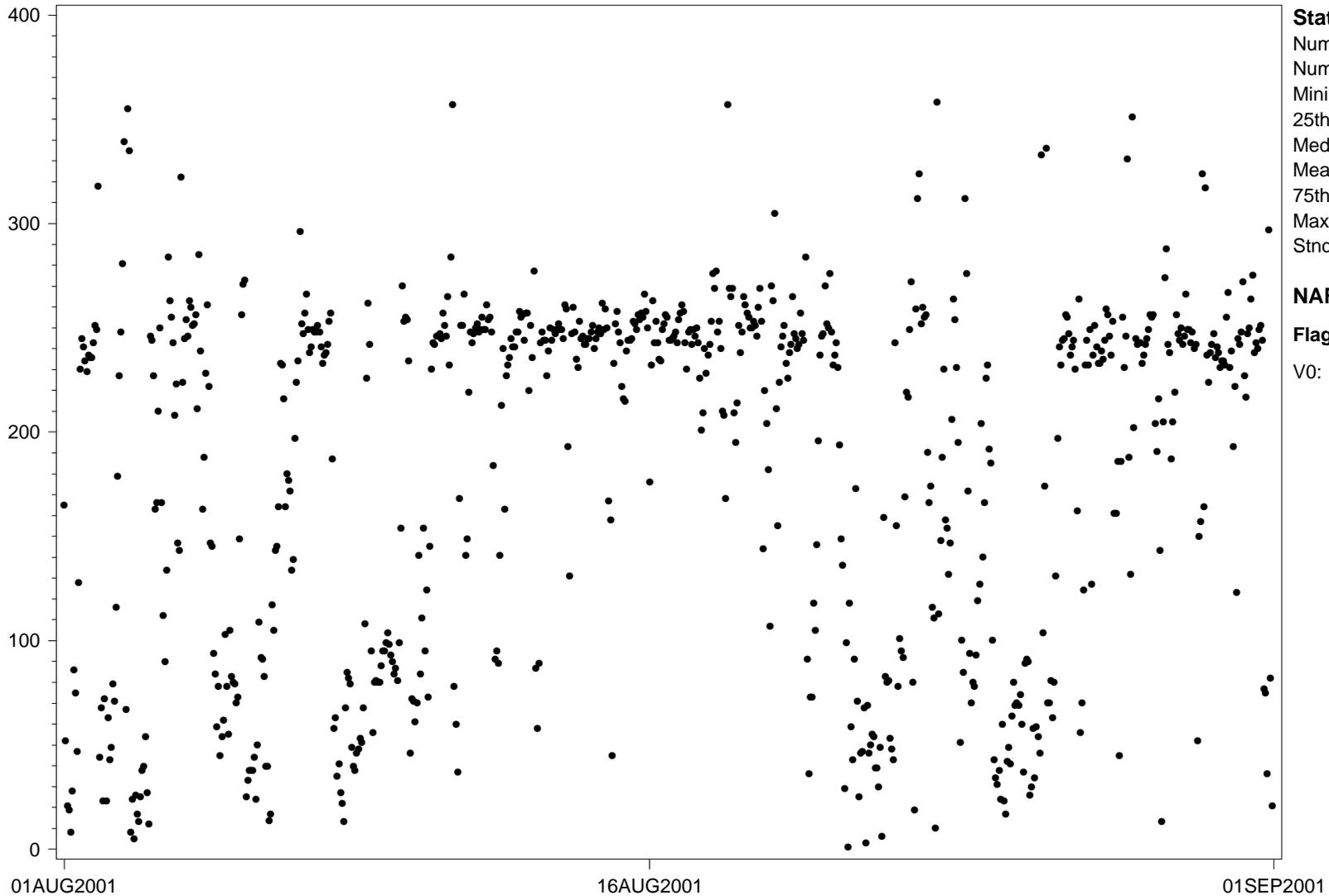
30SEP2004

Site ID: **PC01CABCT012** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**

Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **91**  
Median: **231**  
Mean: **181.551**  
75th Percentile: **248**  
Maximum: **358**  
Std Dev.: **87.083**

**NARSTO Flags**

Flag Symbol Count  
V0: ● **744**

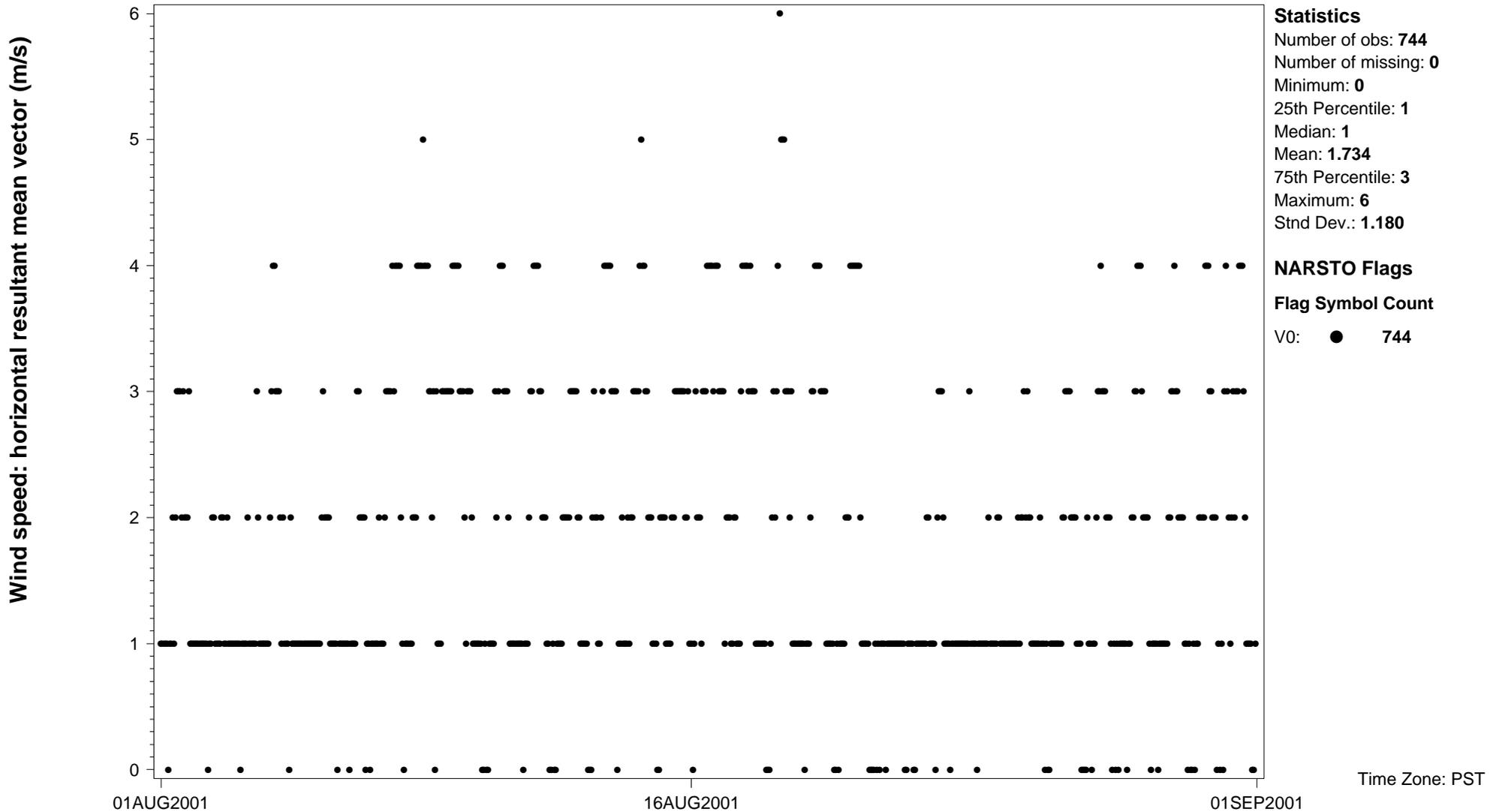
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

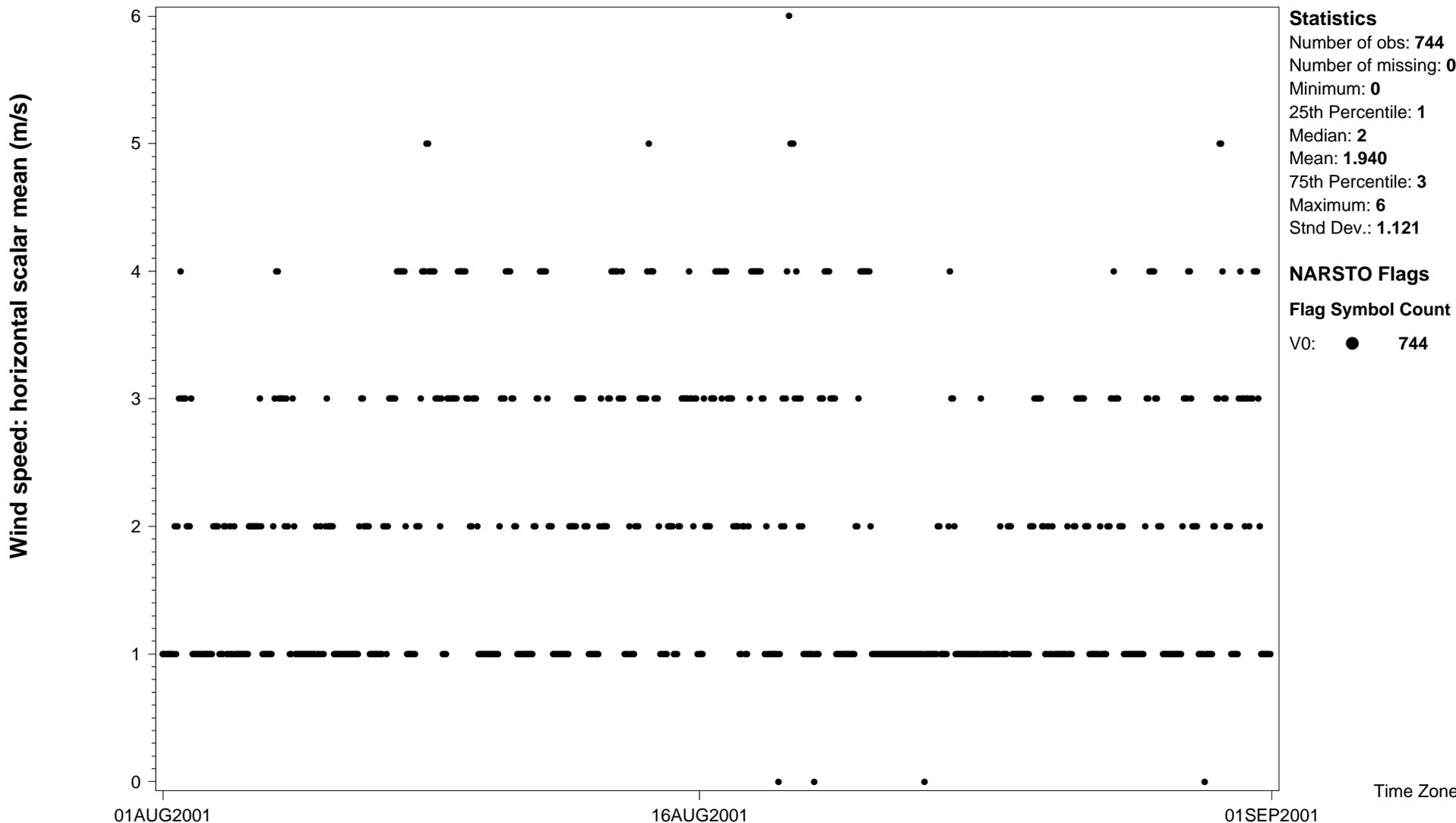


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT012** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CHILLIWACK AIRPORT (CHILLIWACK), British Columbia** Latitude: **49.15611111 deg.** Longitude: **-122.9088889 deg.** Start Date: **9999-12-31**

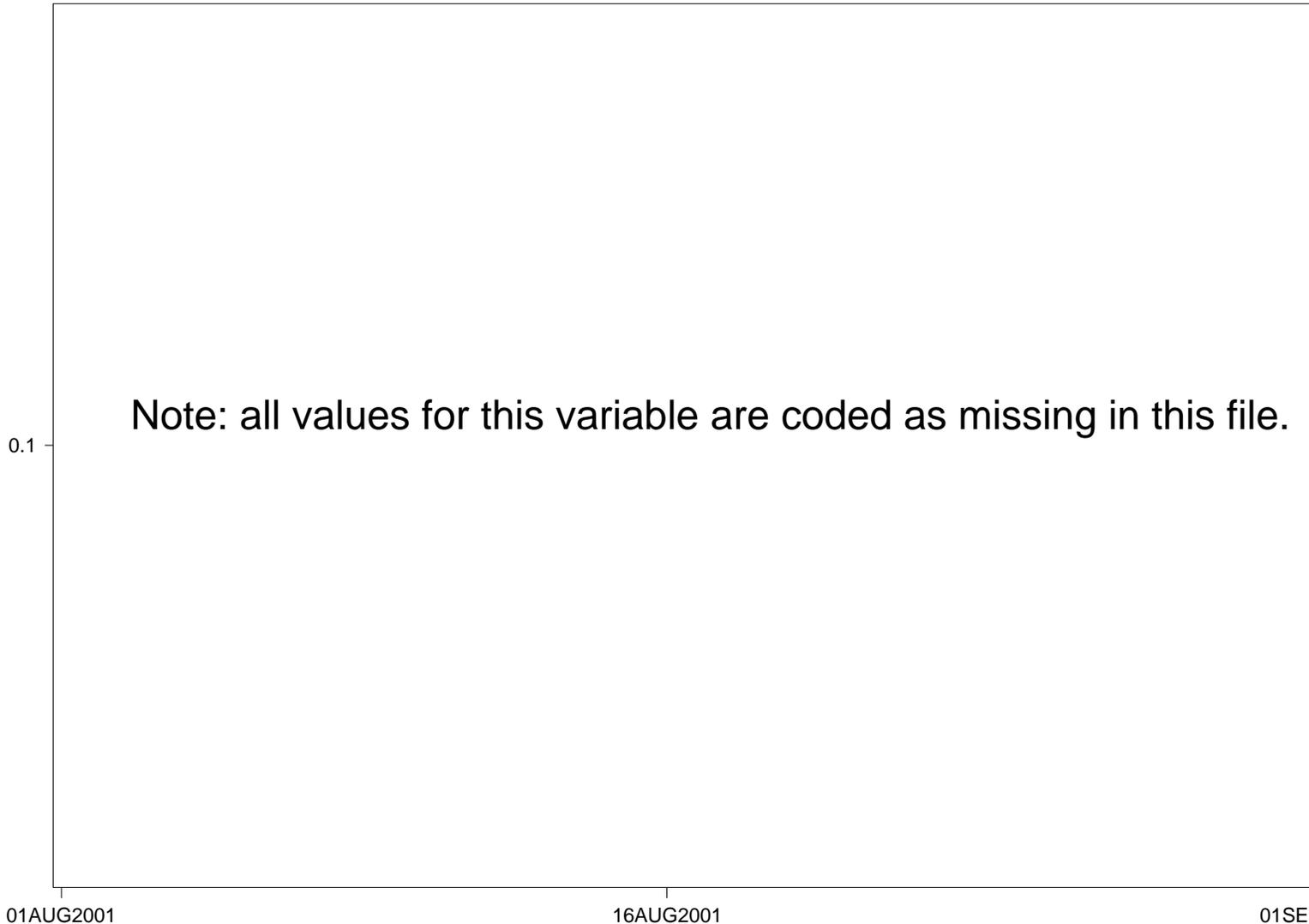


Site ID: **PC01CABCT013** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

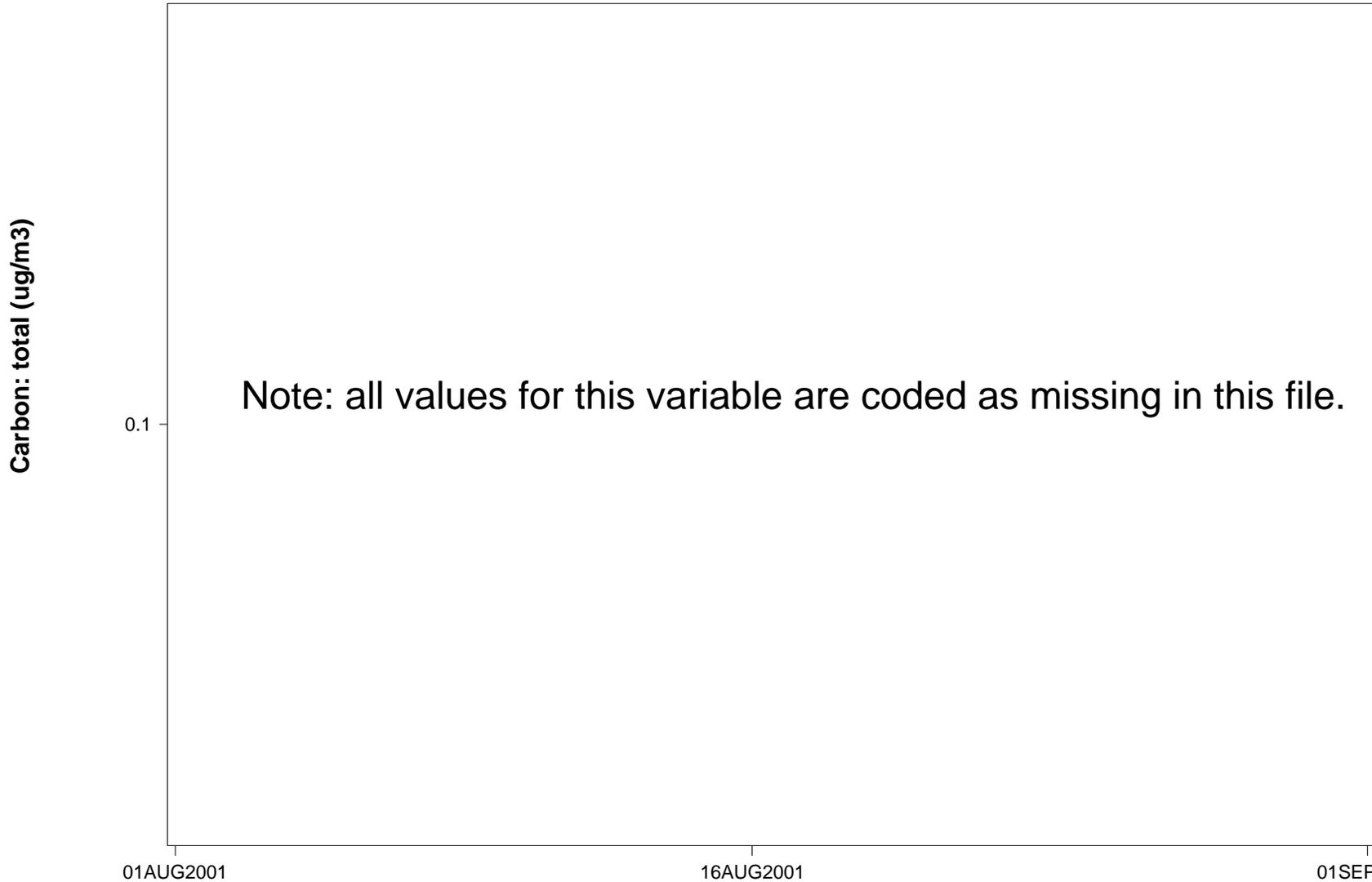
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

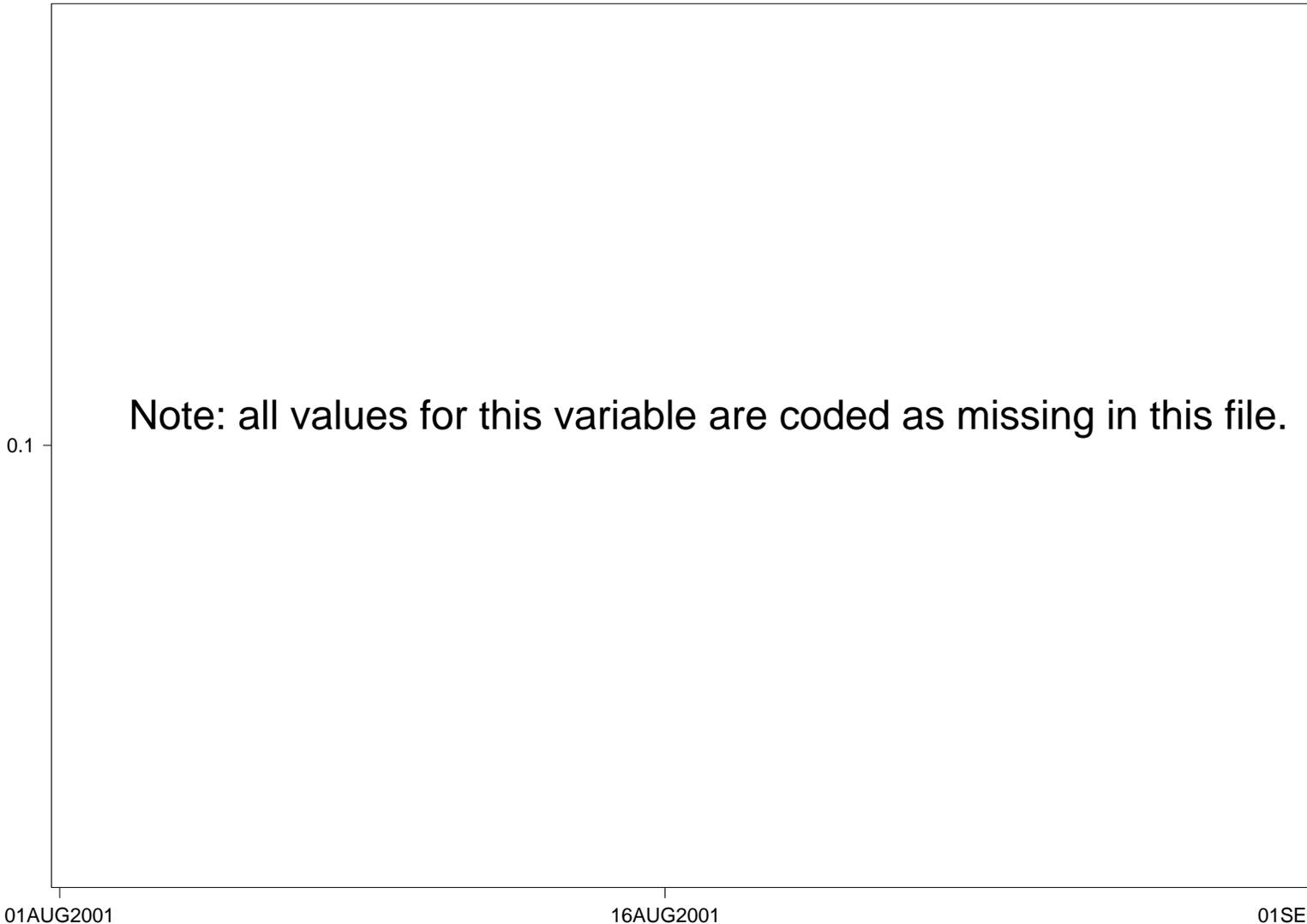
Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

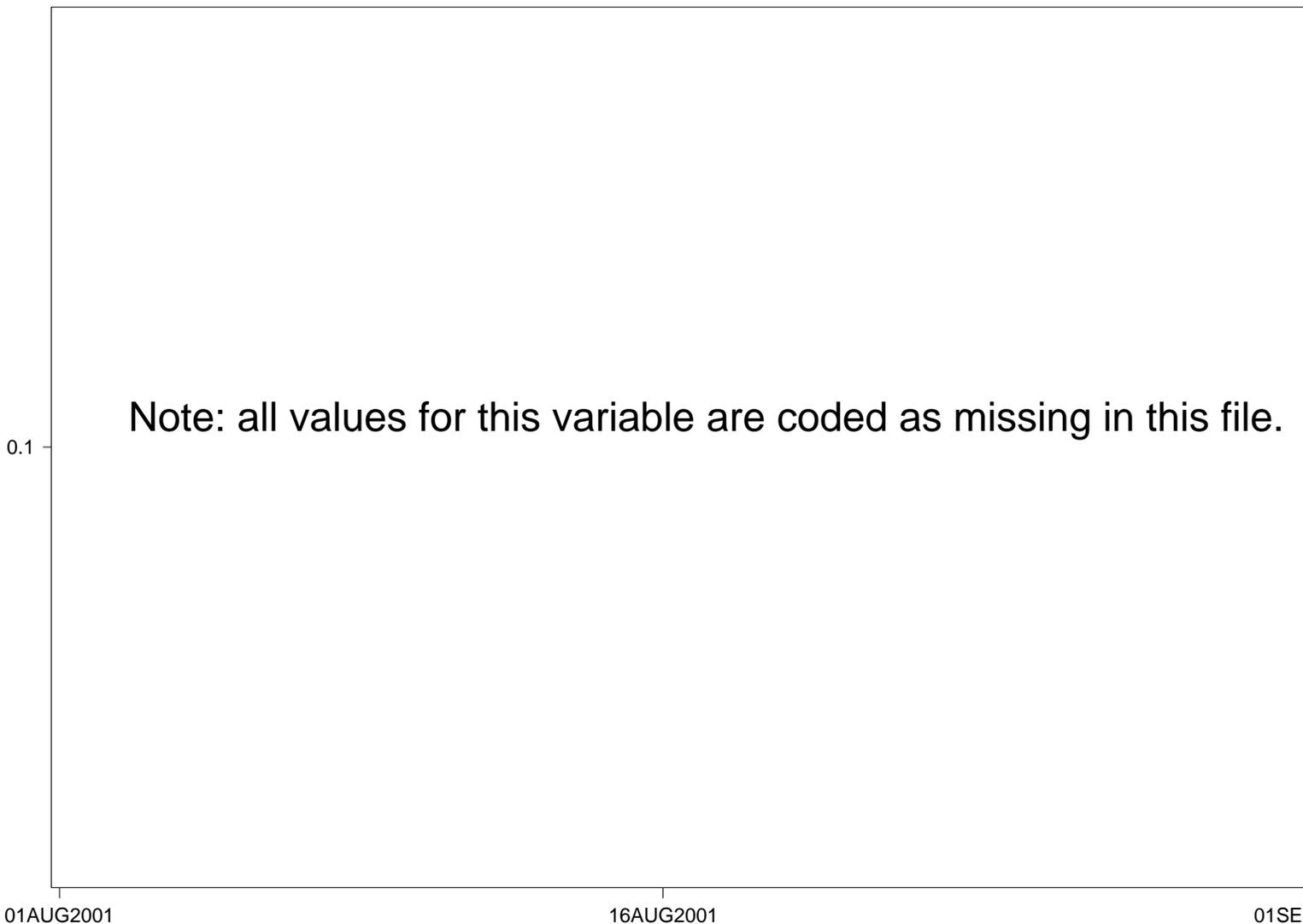
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

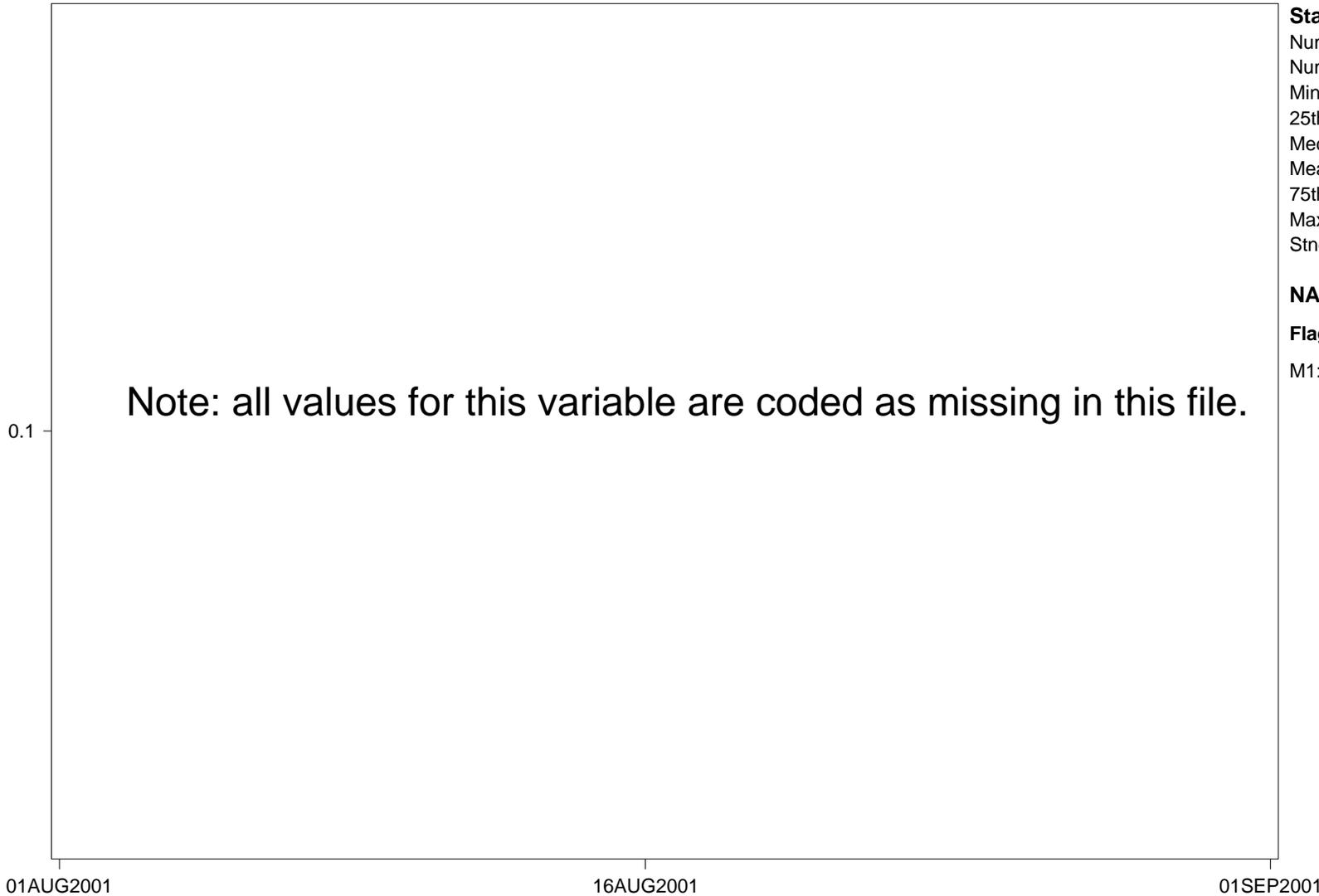
Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

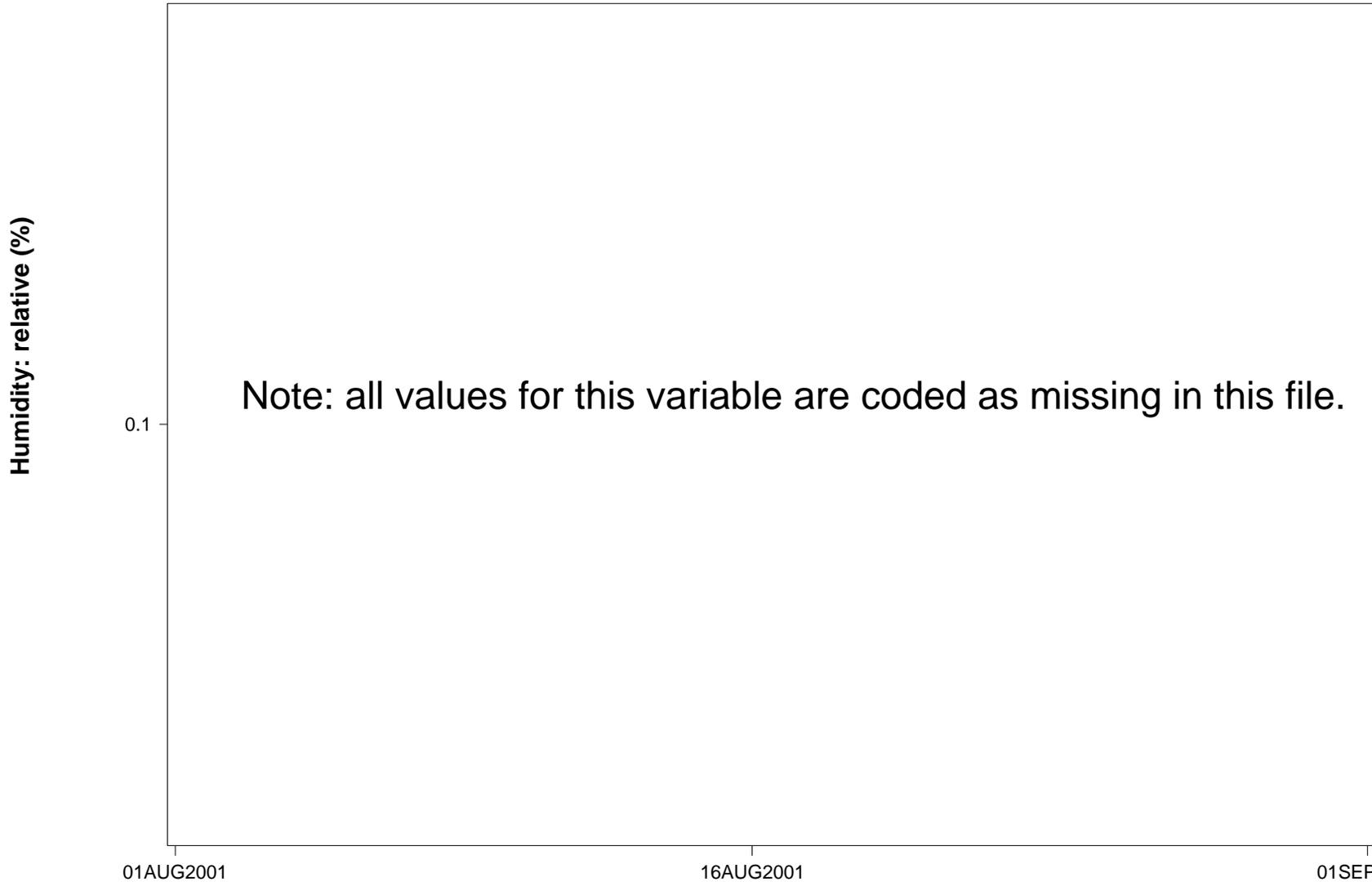
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

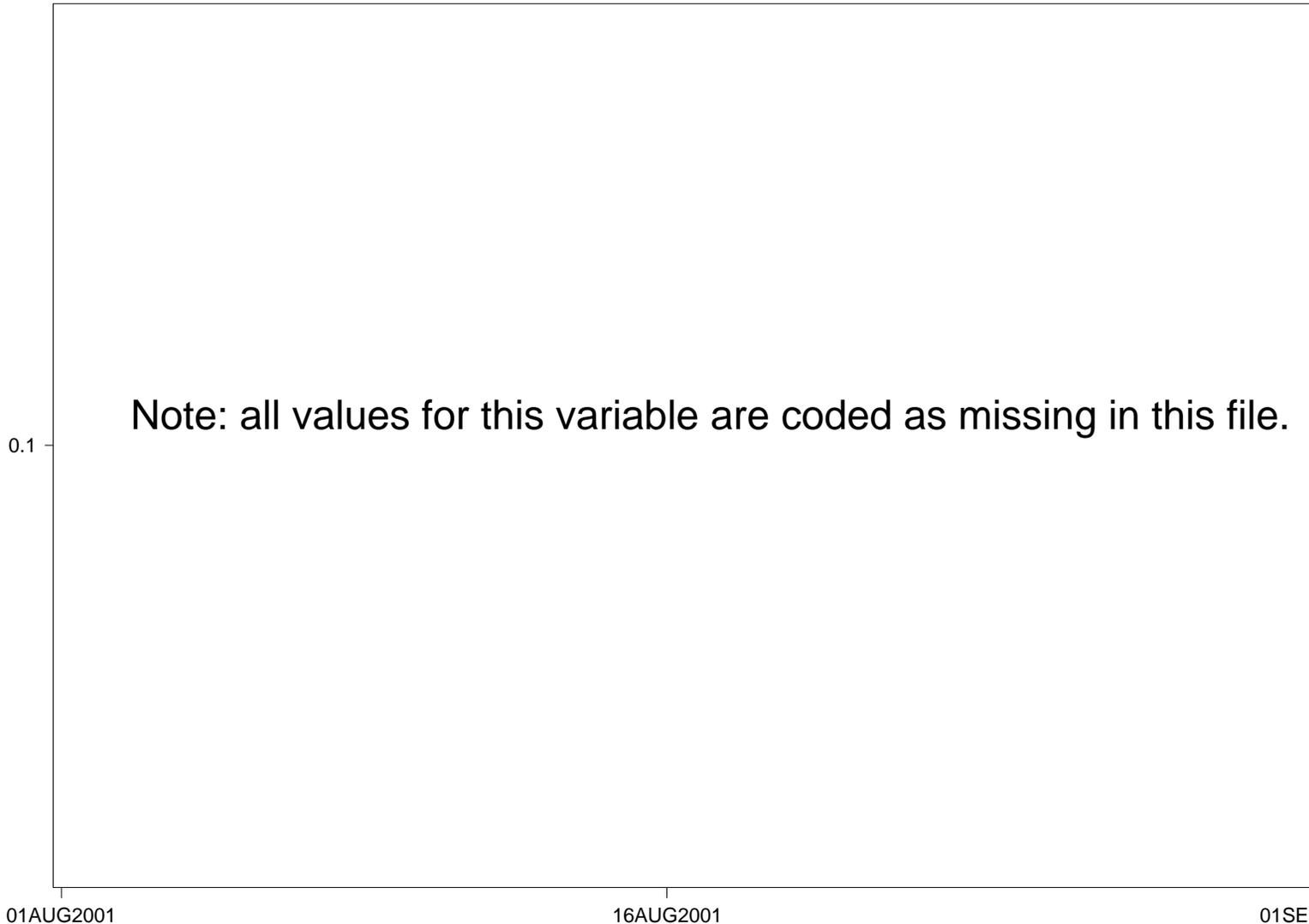
Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

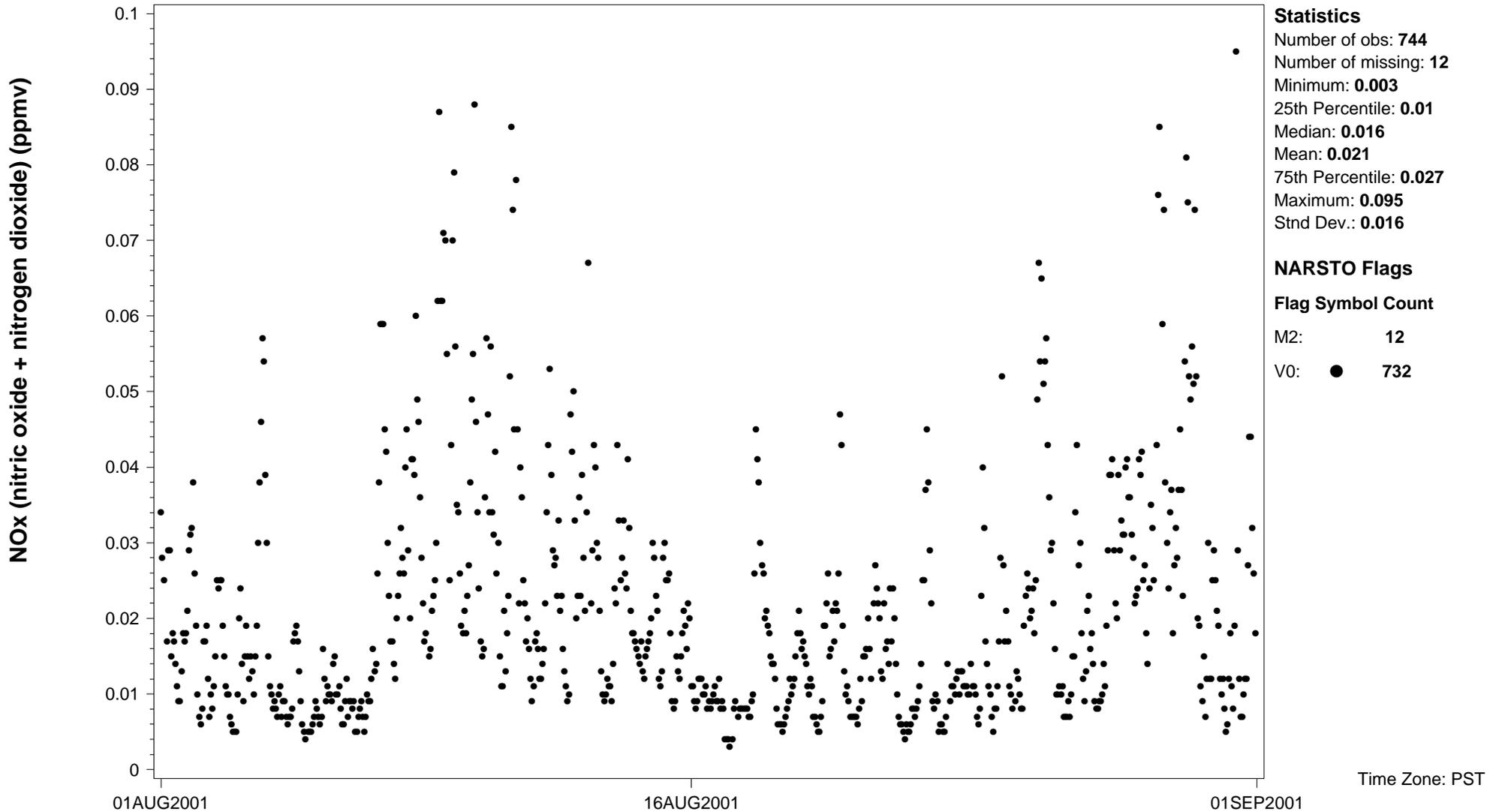
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

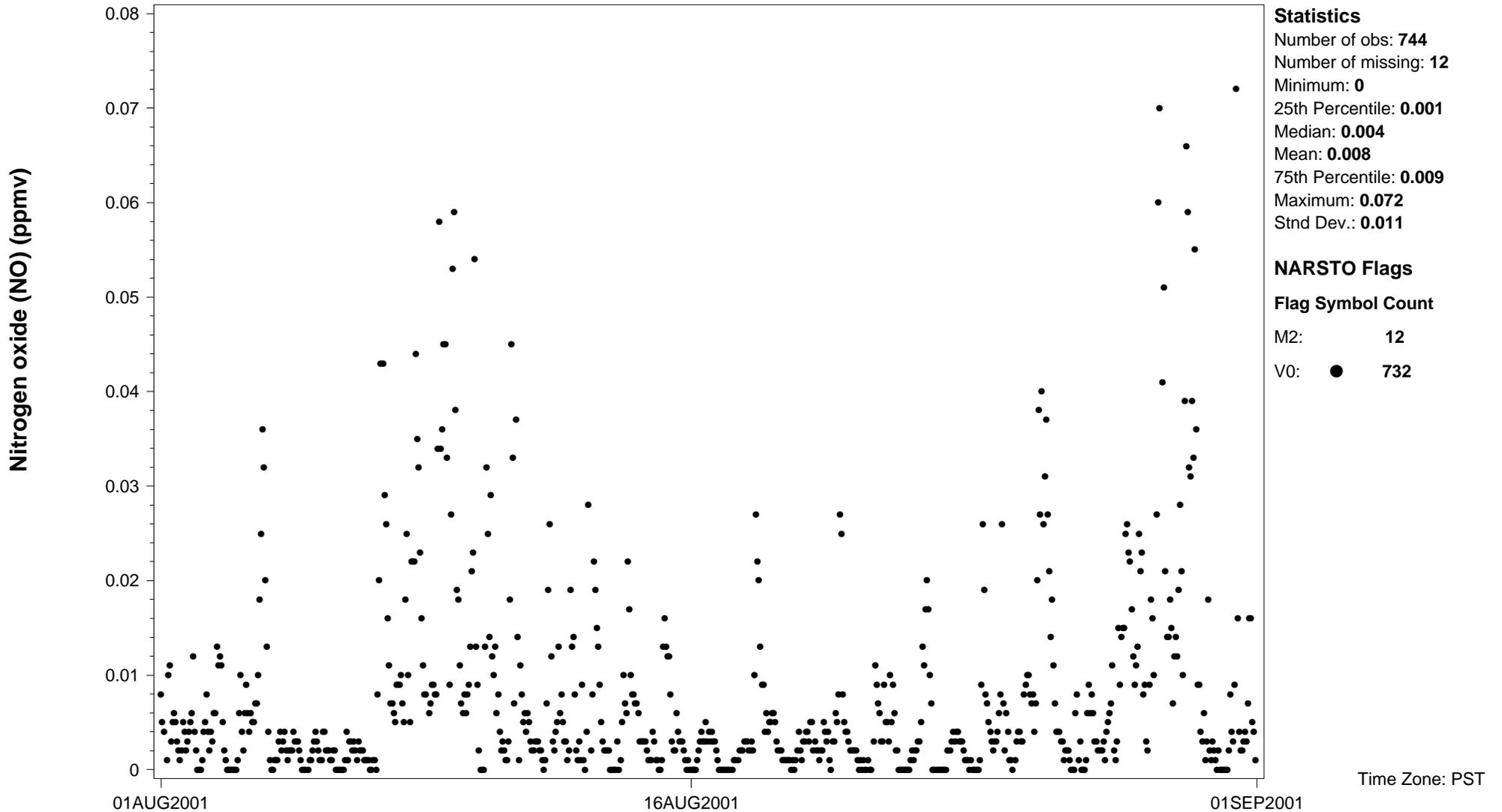


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

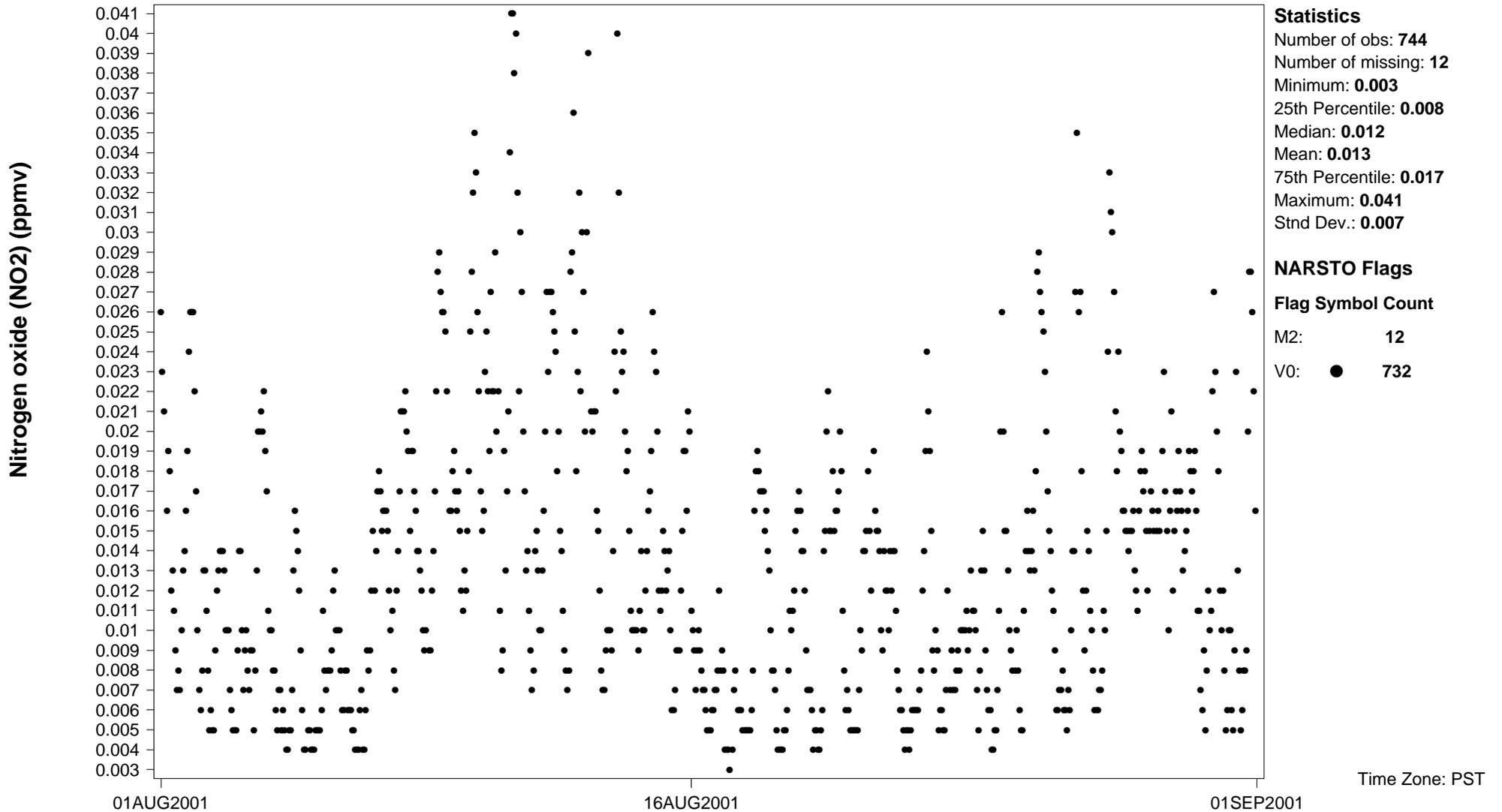


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



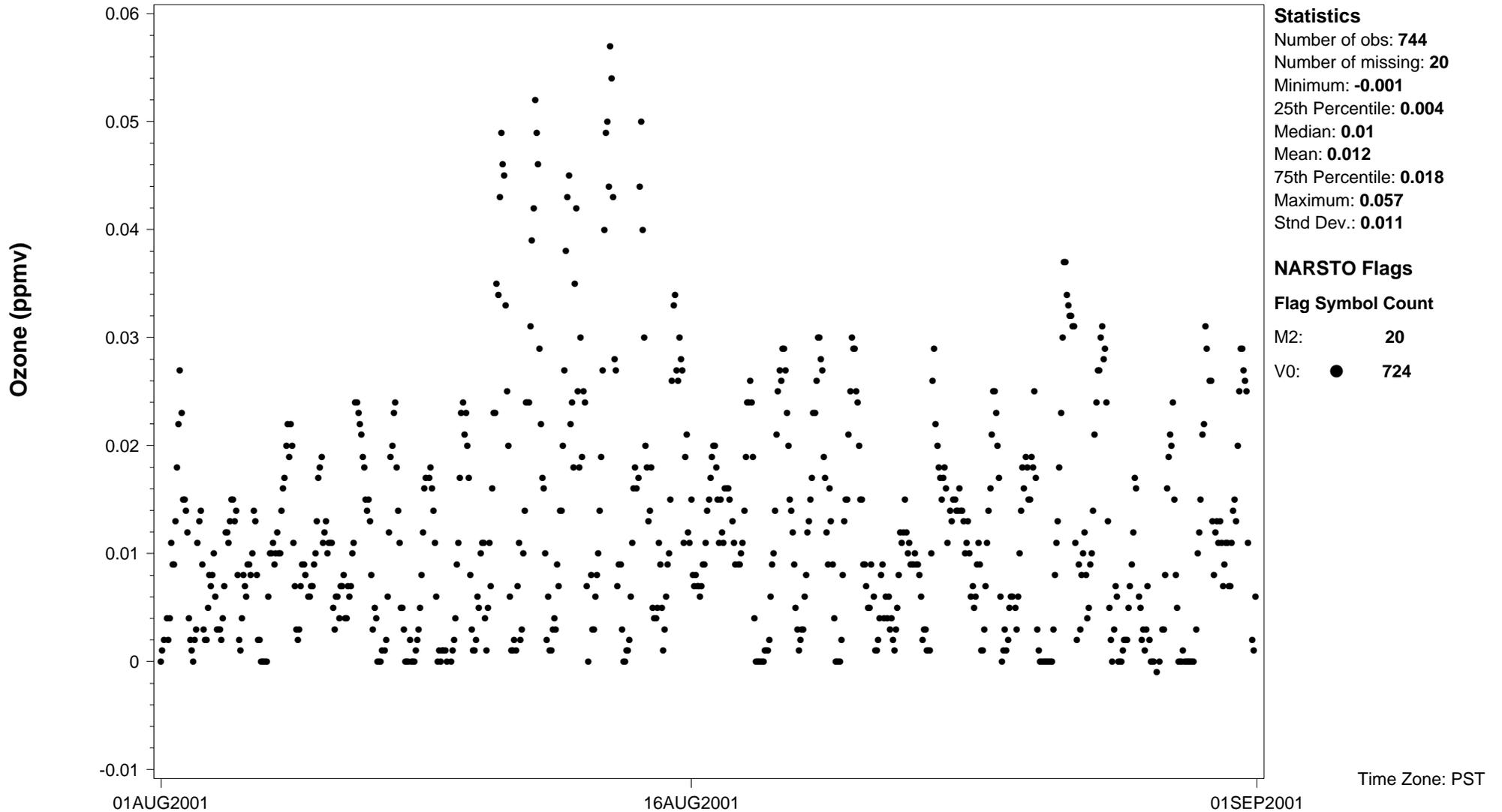
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

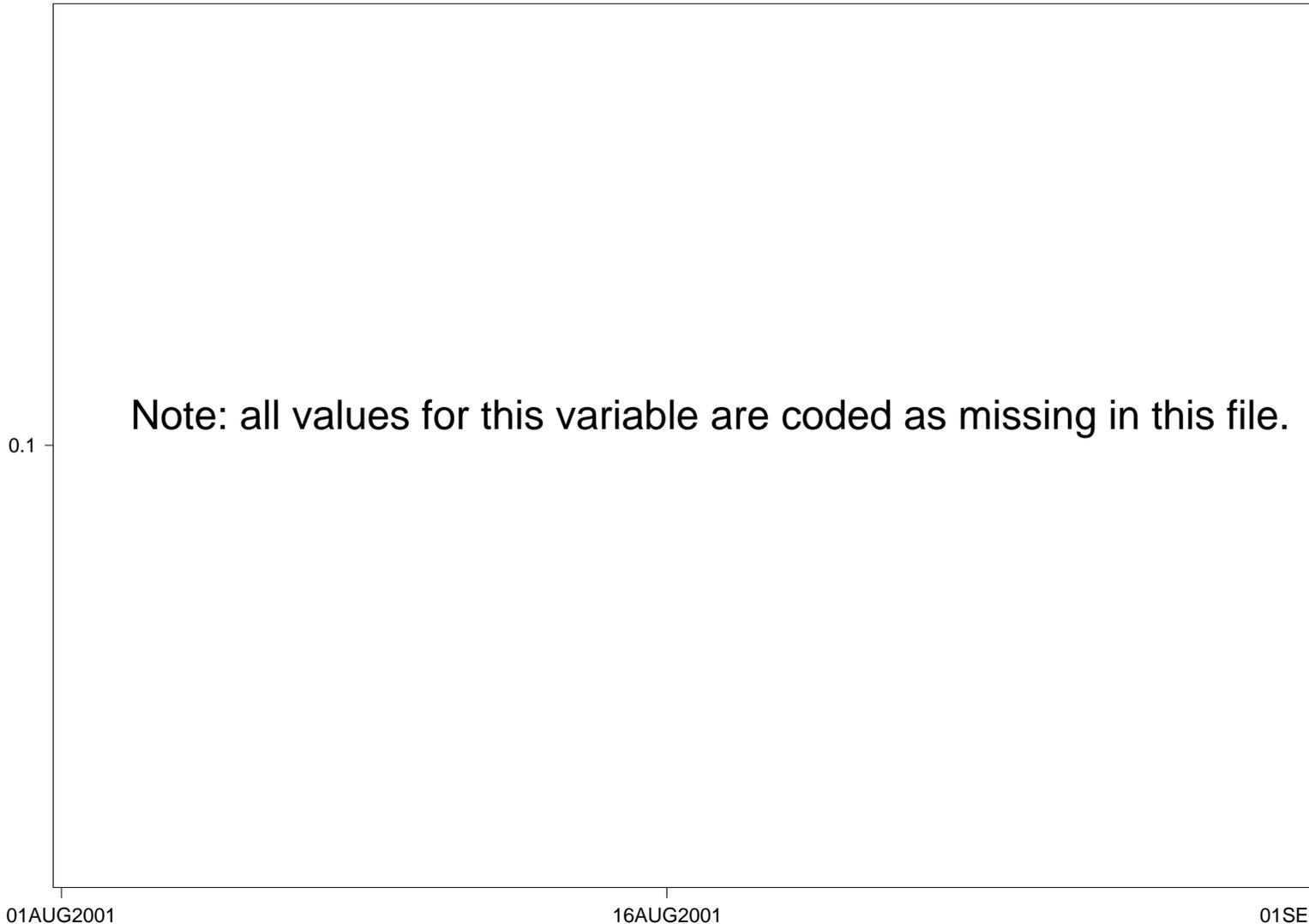


Site ID: **PC01CABCT013** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

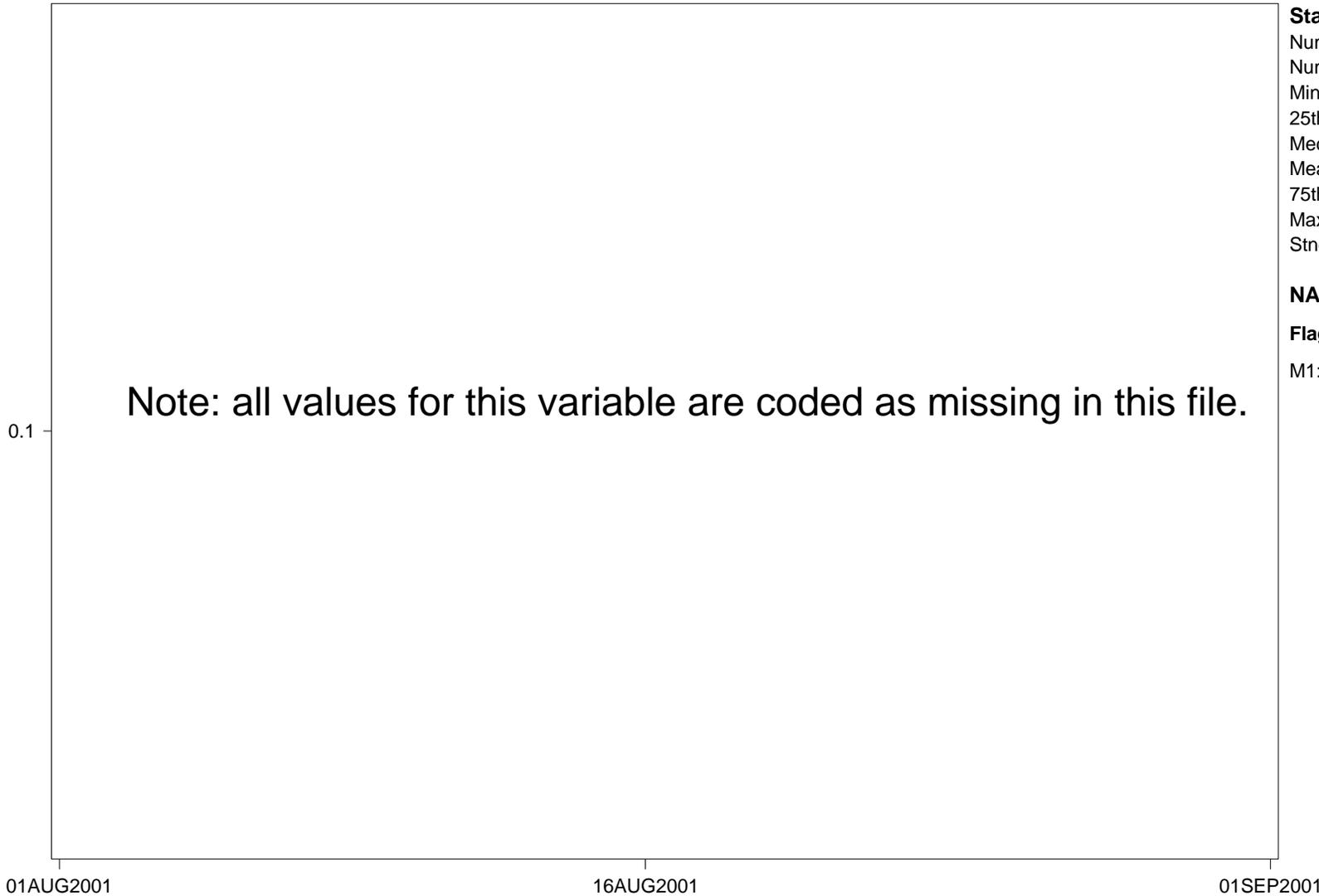
Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Note: all values for this variable are coded as missing in this file.

Time Zone: PST

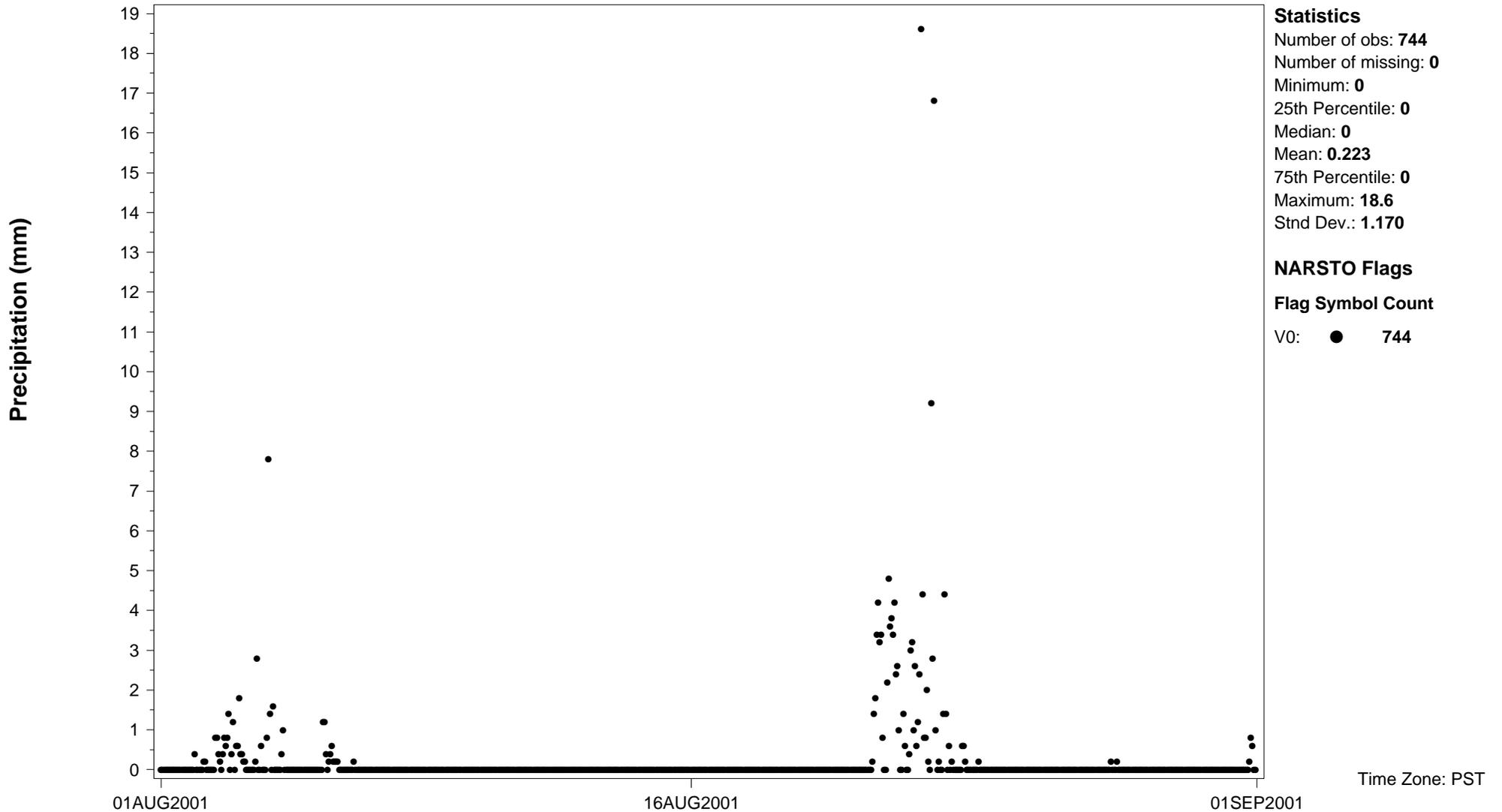
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

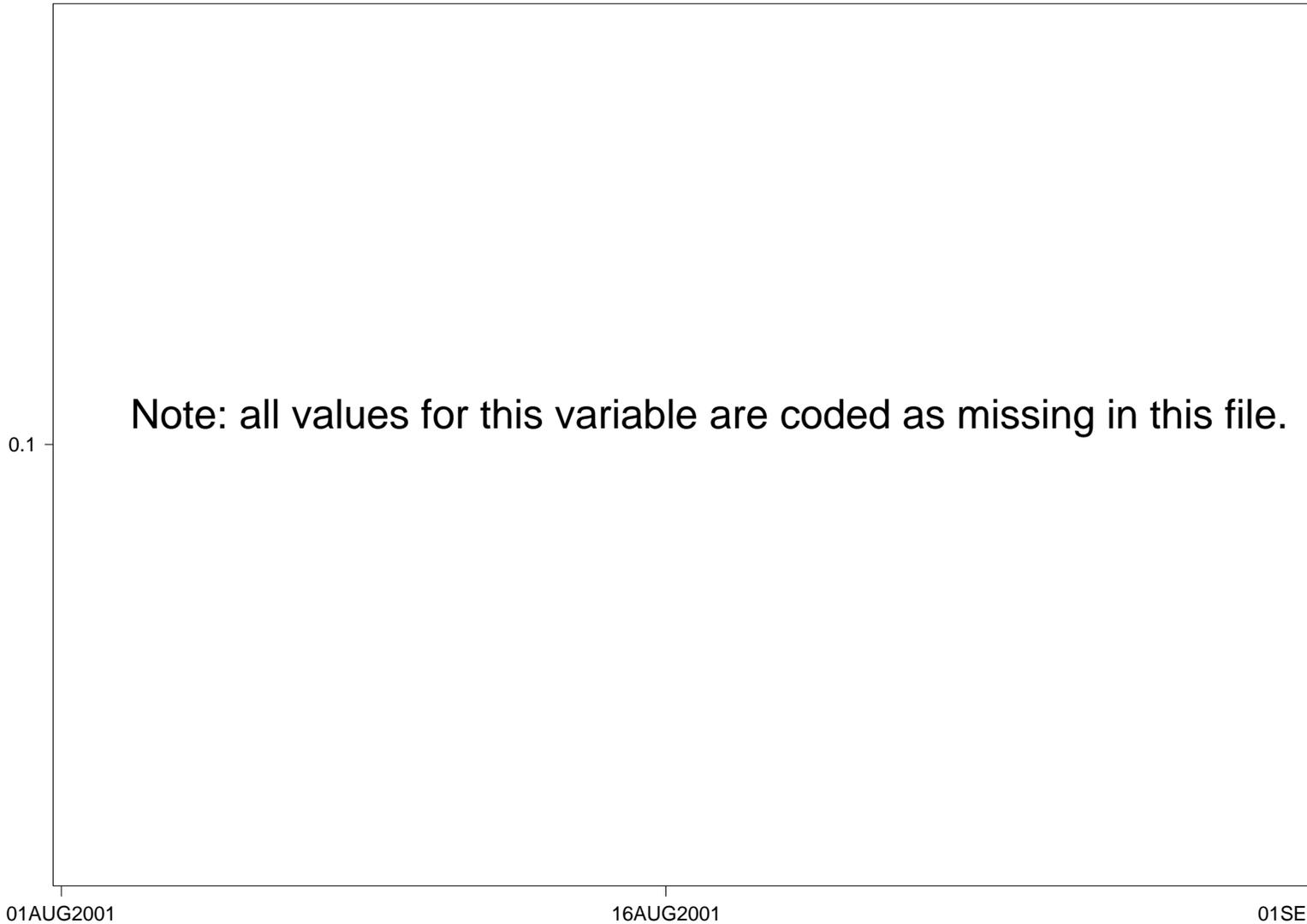
Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT013** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

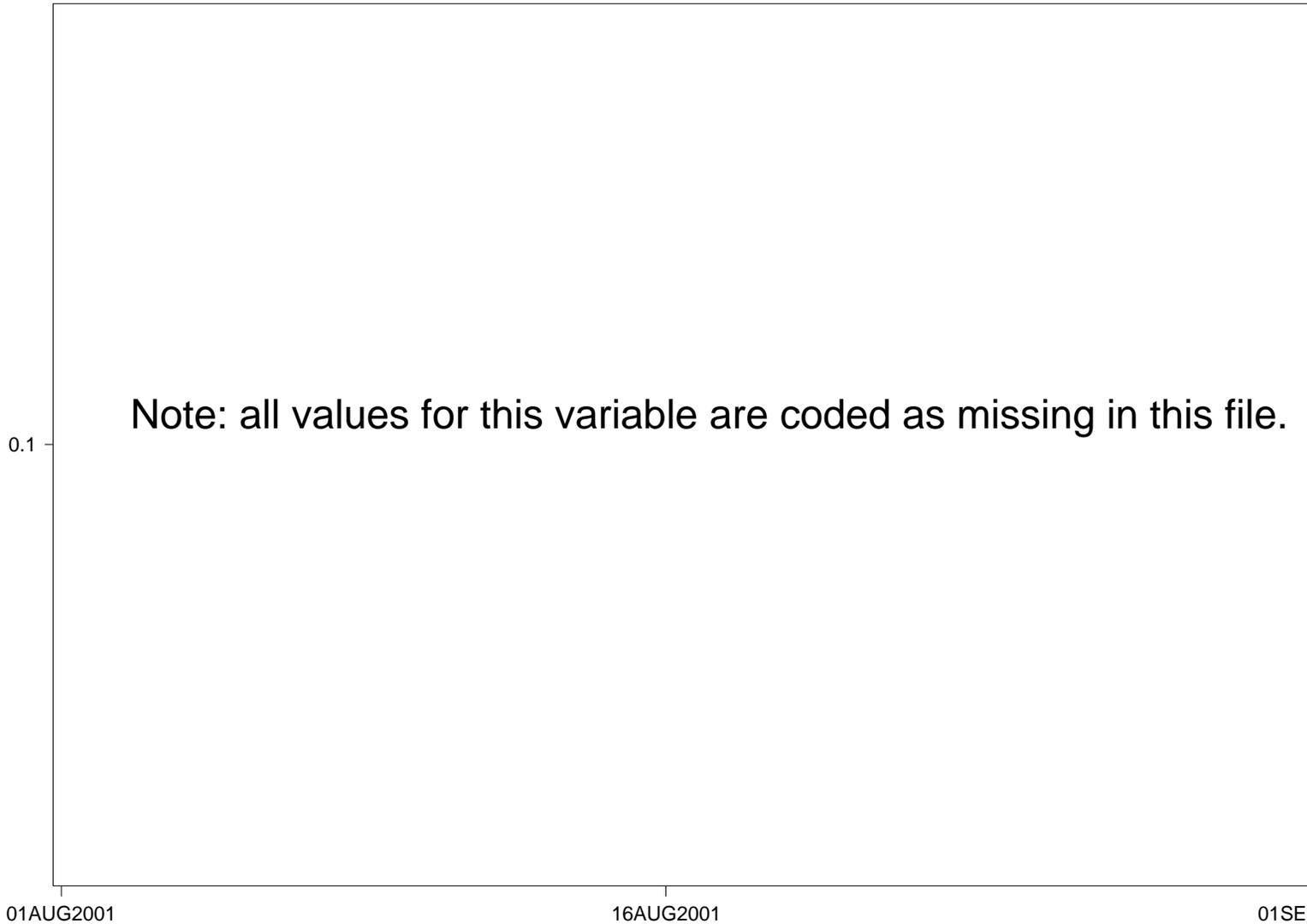
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

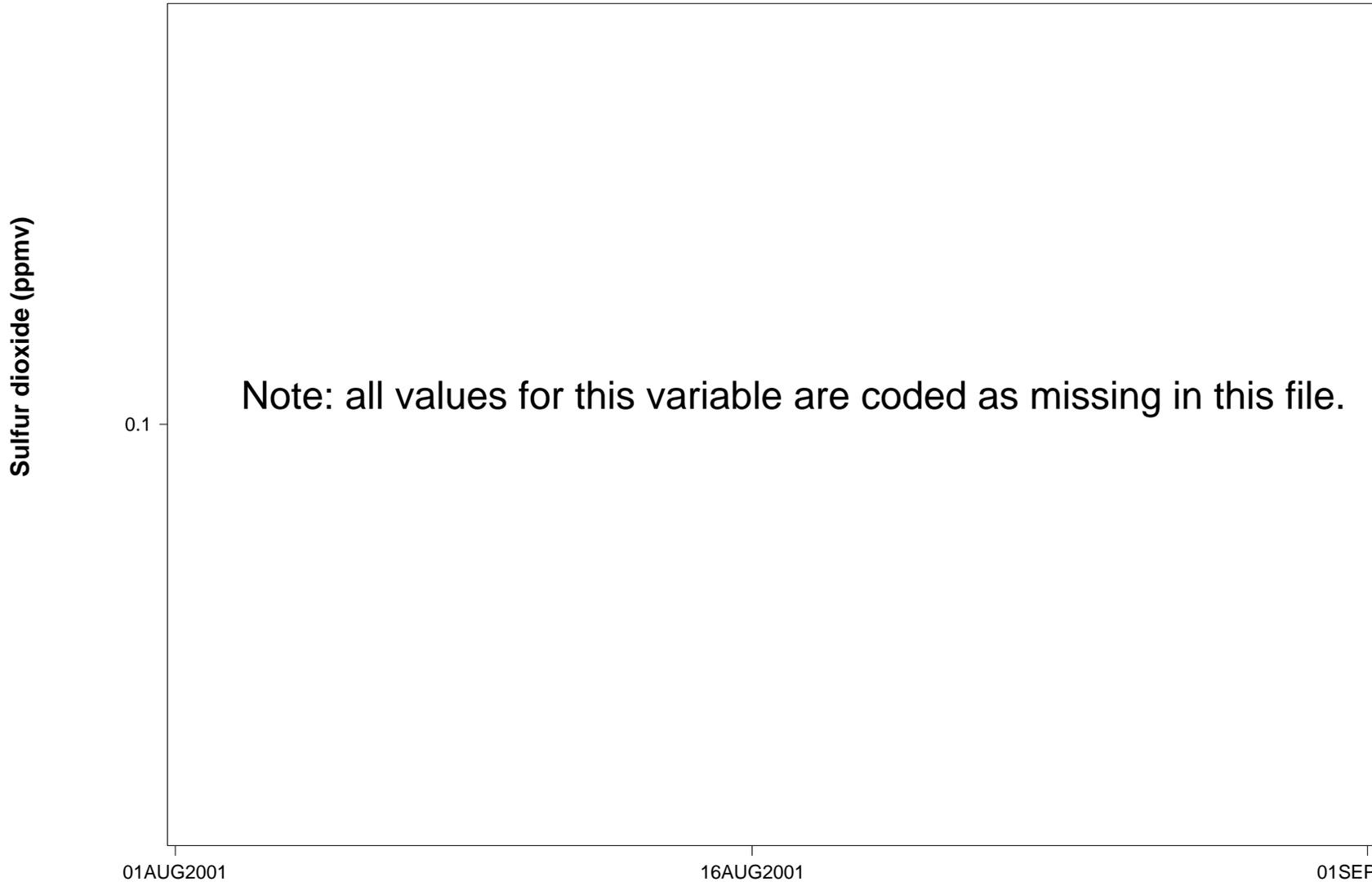
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

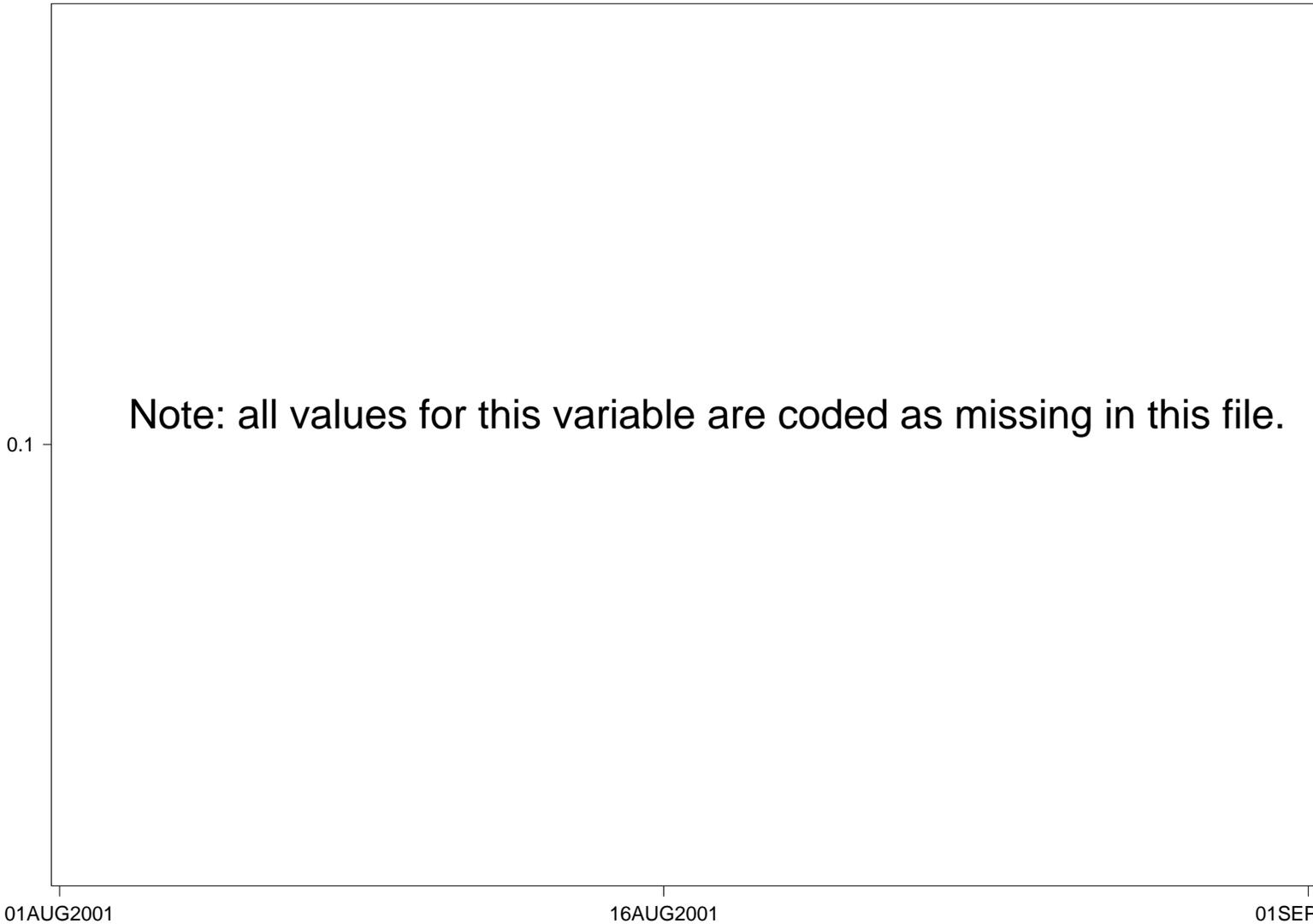
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT013** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

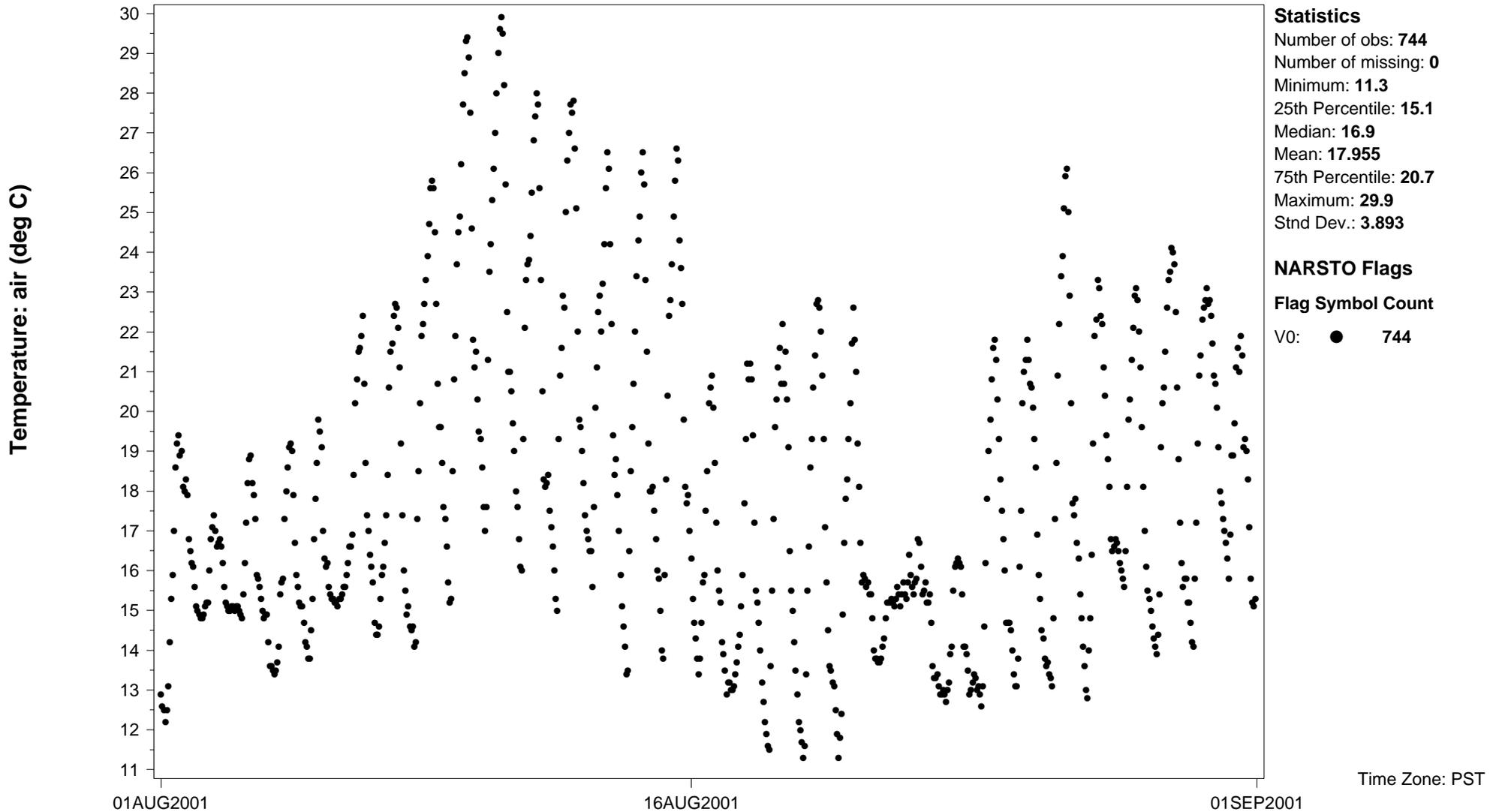
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**



# NAtChem Time Series Plot

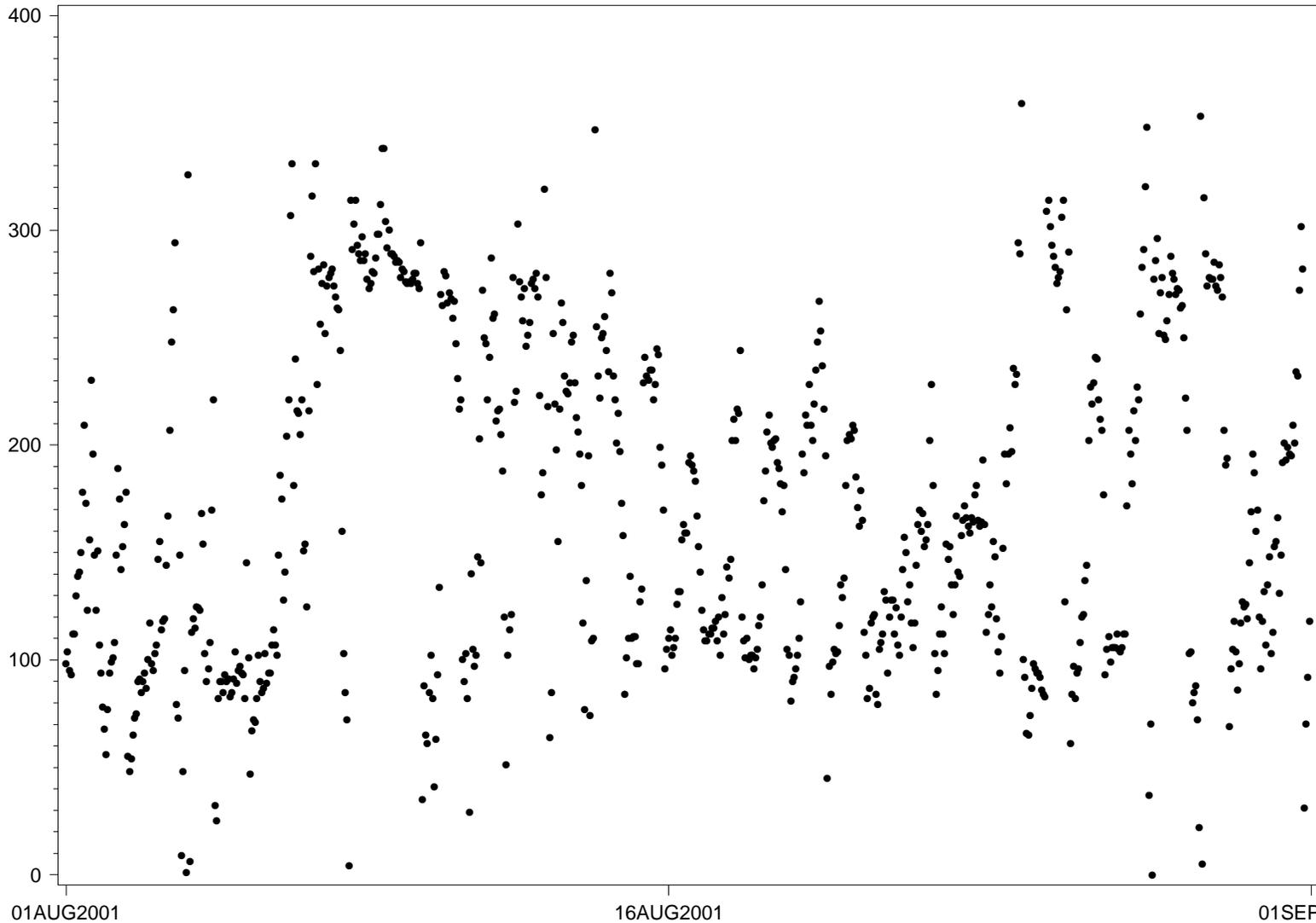
30SEP2004

Site ID: **PC01CABCT013** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



## Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **0**  
25th Percentile: **105**  
Median: **158**  
Mean: **171.094**  
75th Percentile: **233.5**  
Maximum: **359**  
Std Dev.: **76.614**

## NARSTO Flags

Flag Symbol Count  
V0: ● 744

Time Zone: PST

NAtChem Time Series Plot

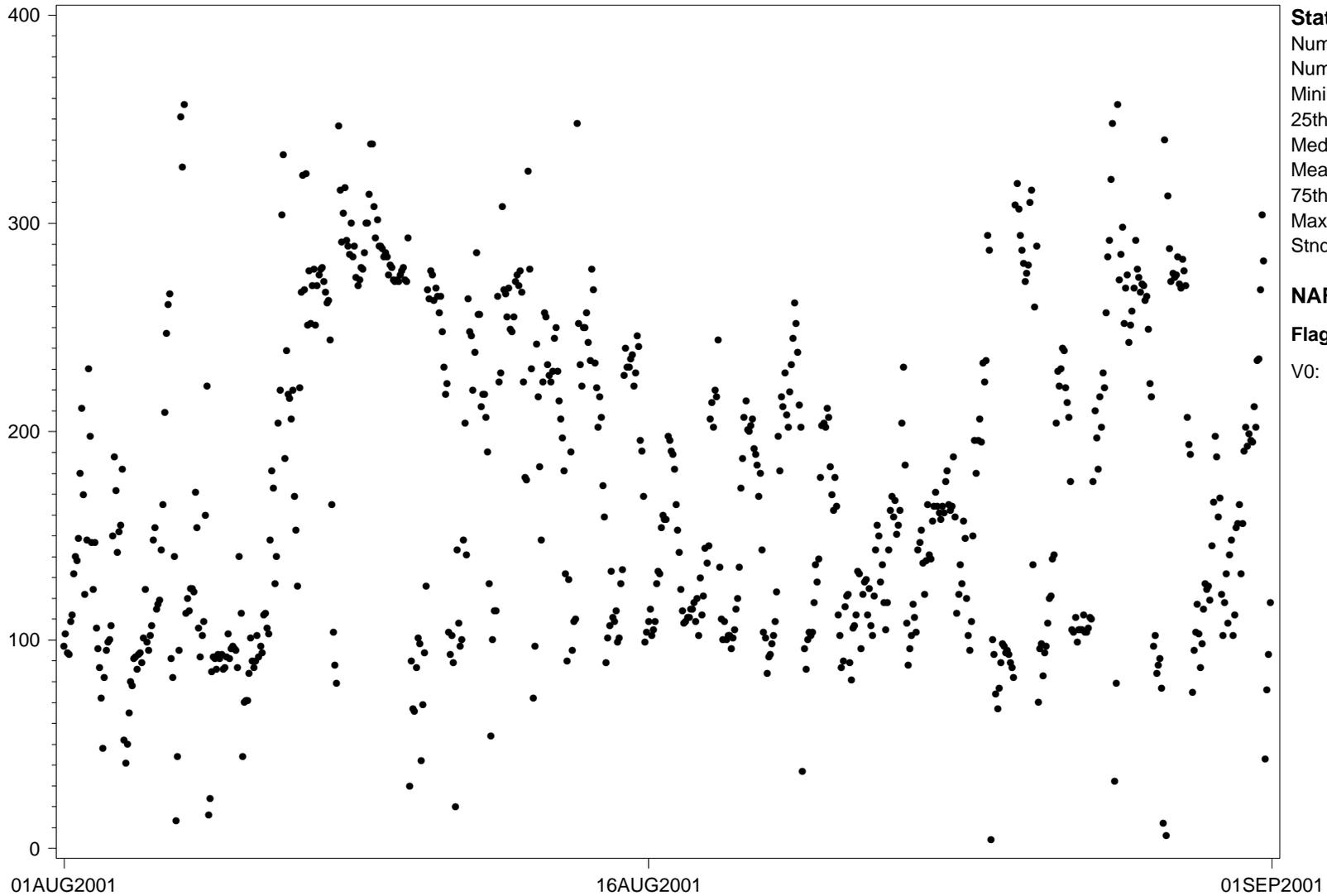
30SEP2004

Site ID: **PC01CABCT013** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
Number of obs: 744  
Number of missing: 0  
Minimum: 4  
25th Percentile: 105  
Median: 158.5  
Mean: 172.542  
75th Percentile: 235  
Maximum: 357  
Std Dev.: 75.886

**NARSTO Flags**  
Flag Symbol Count  
V0: ● 744

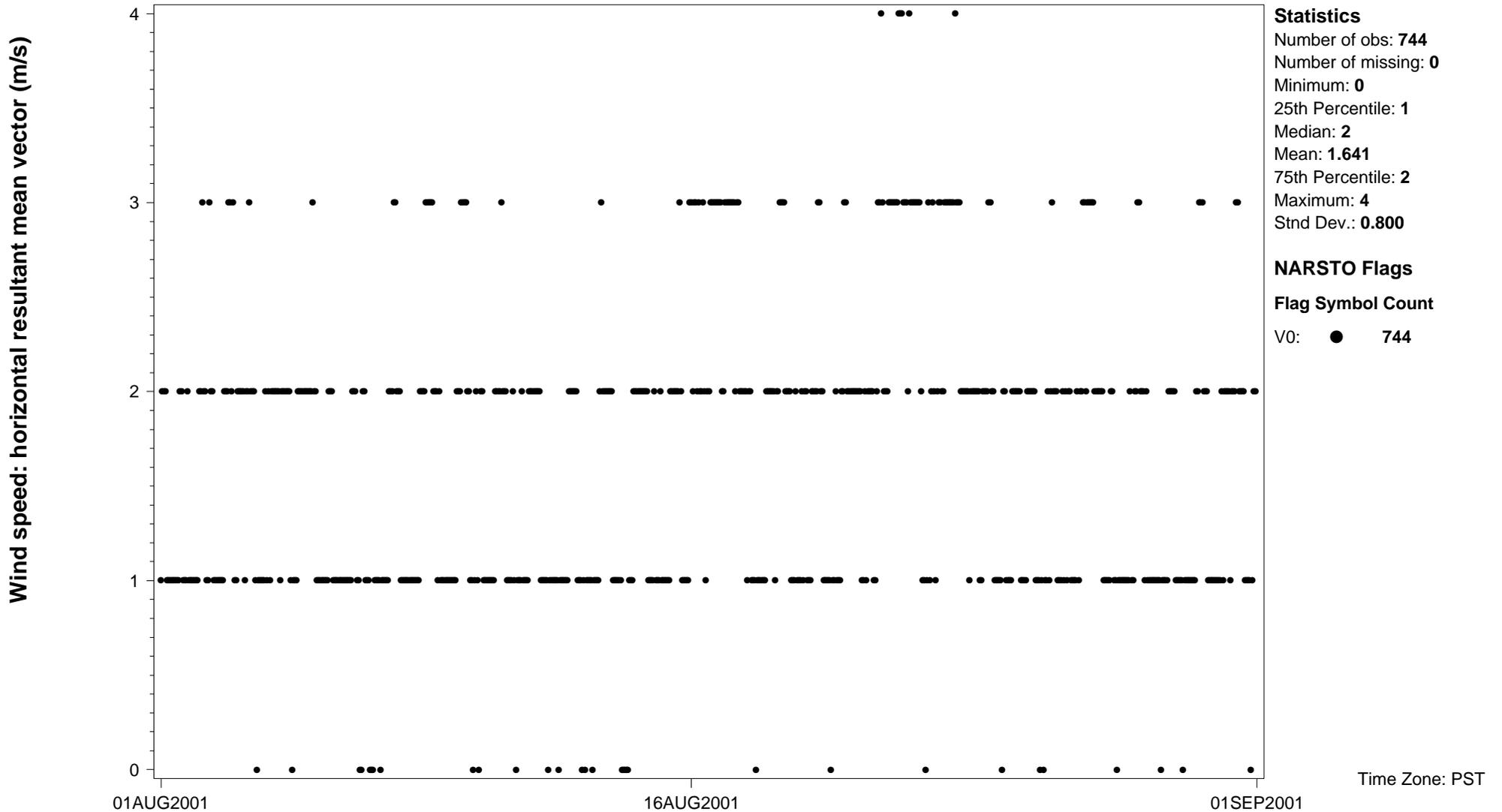
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

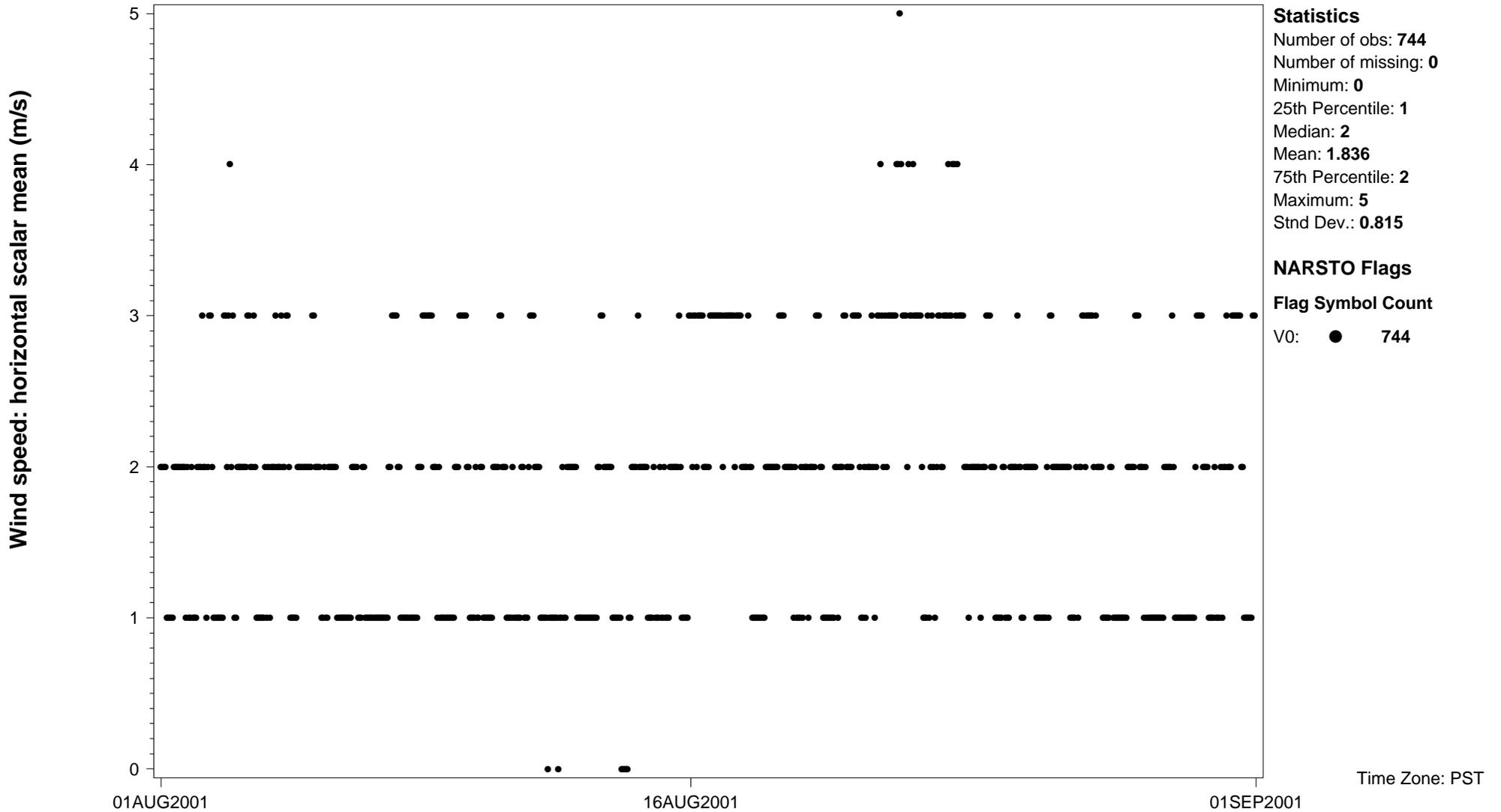


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT013** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **NORTH DELTA - 8544 116TH STREET - DELTA, British Columbia** Latitude: **49.15833333 deg.** Longitude: **-122.9008333 deg.** Start Date: **9999-12-31**

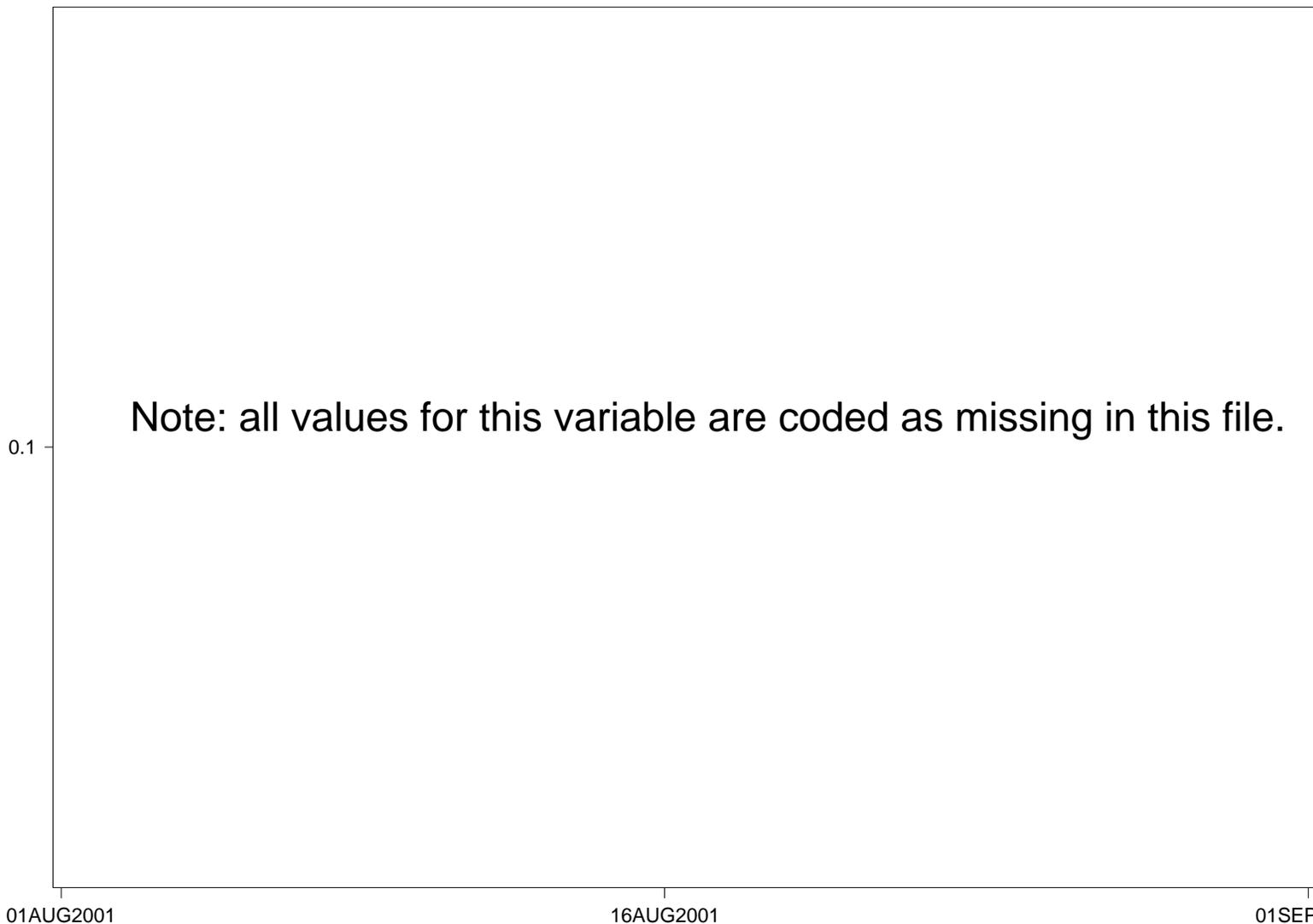


Site ID: **PC01CABCT014** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

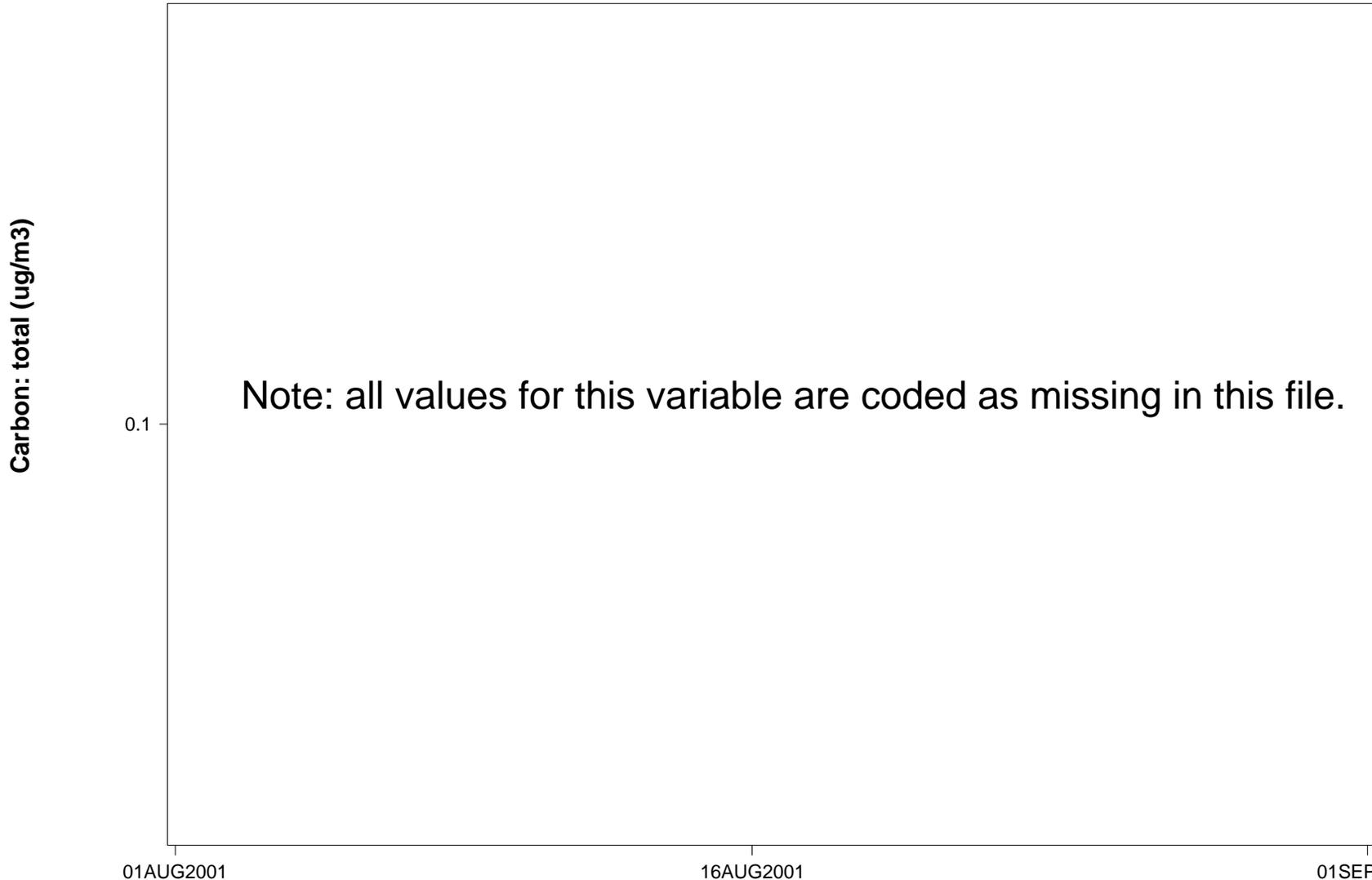
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

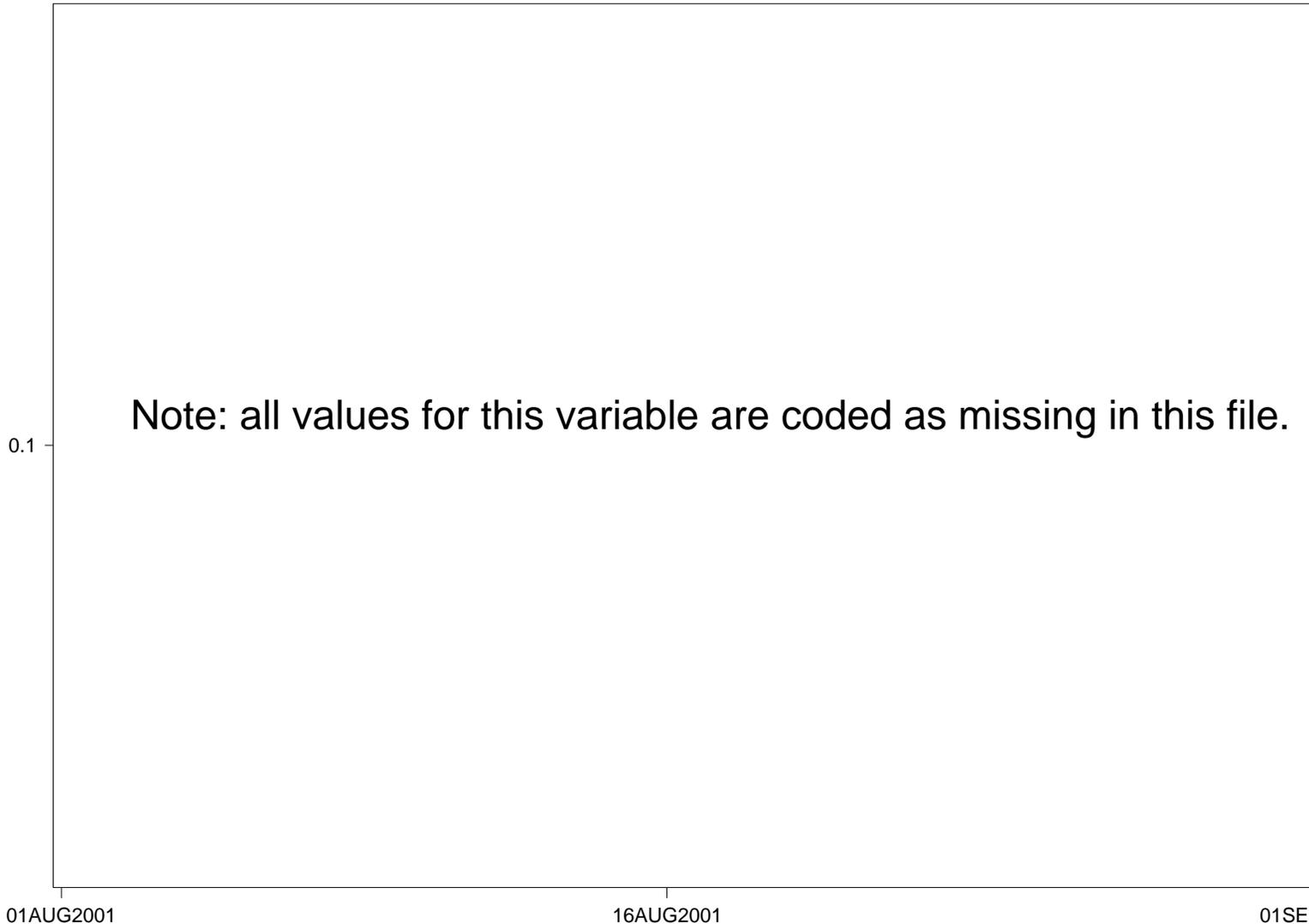
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

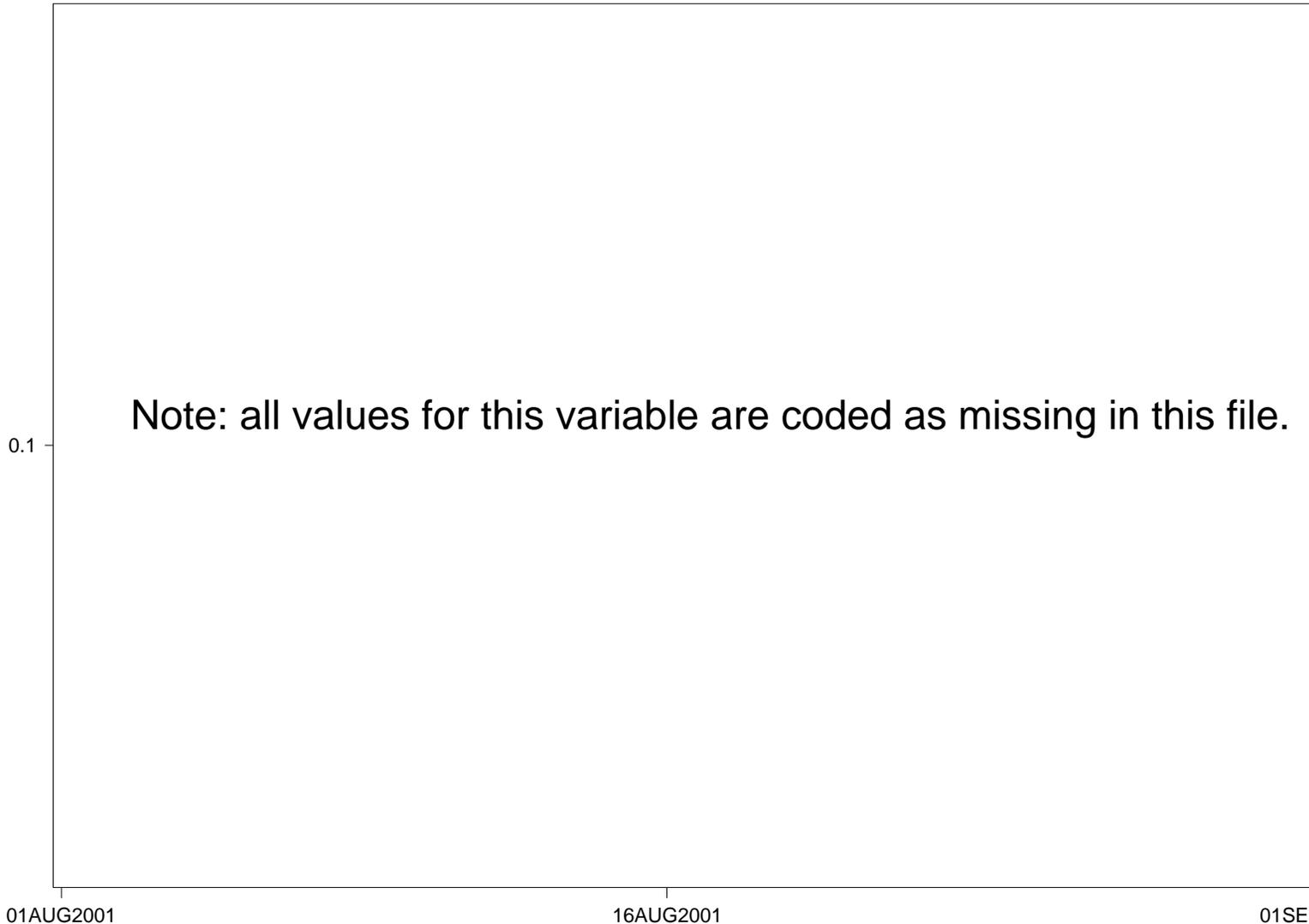
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

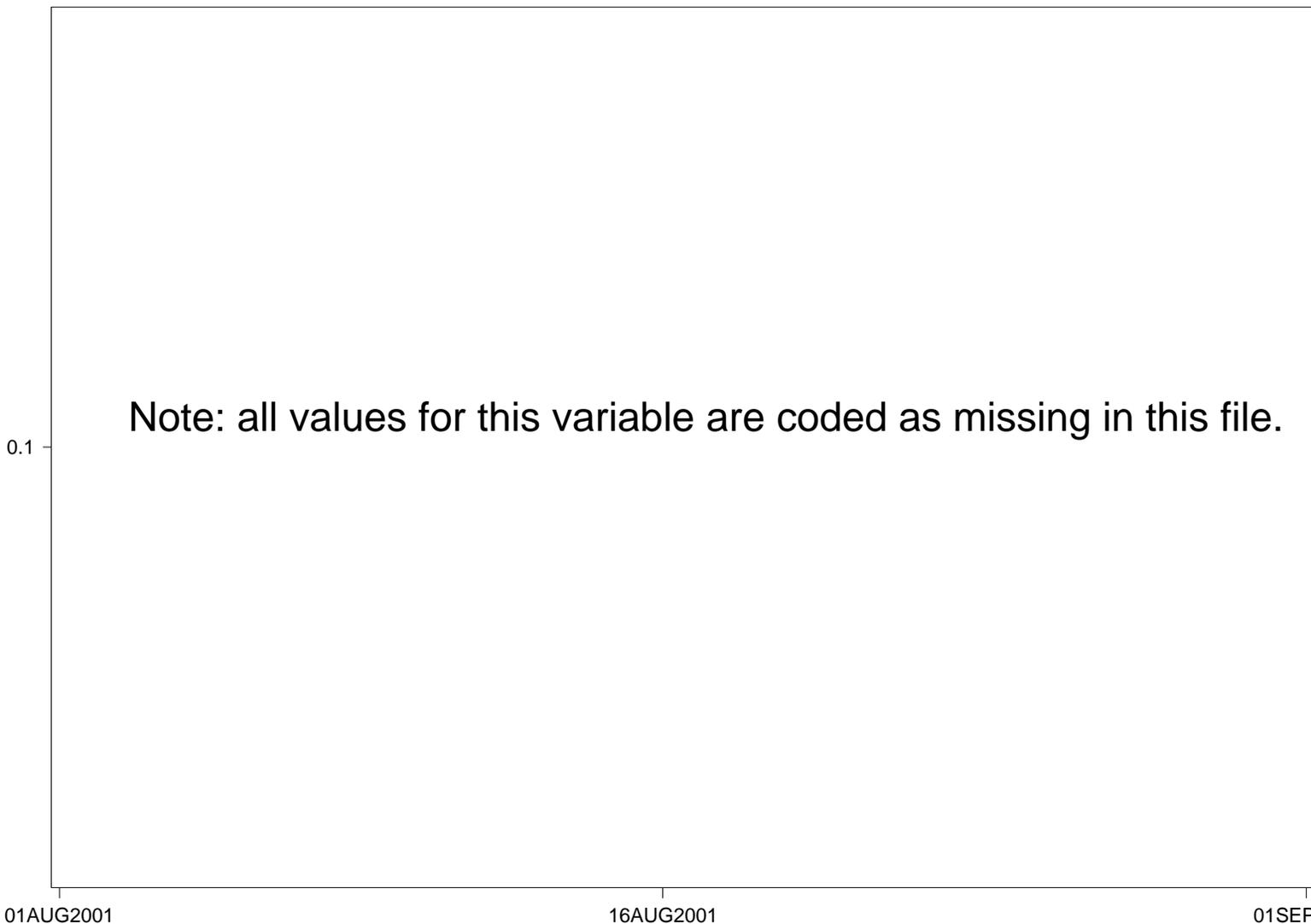
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

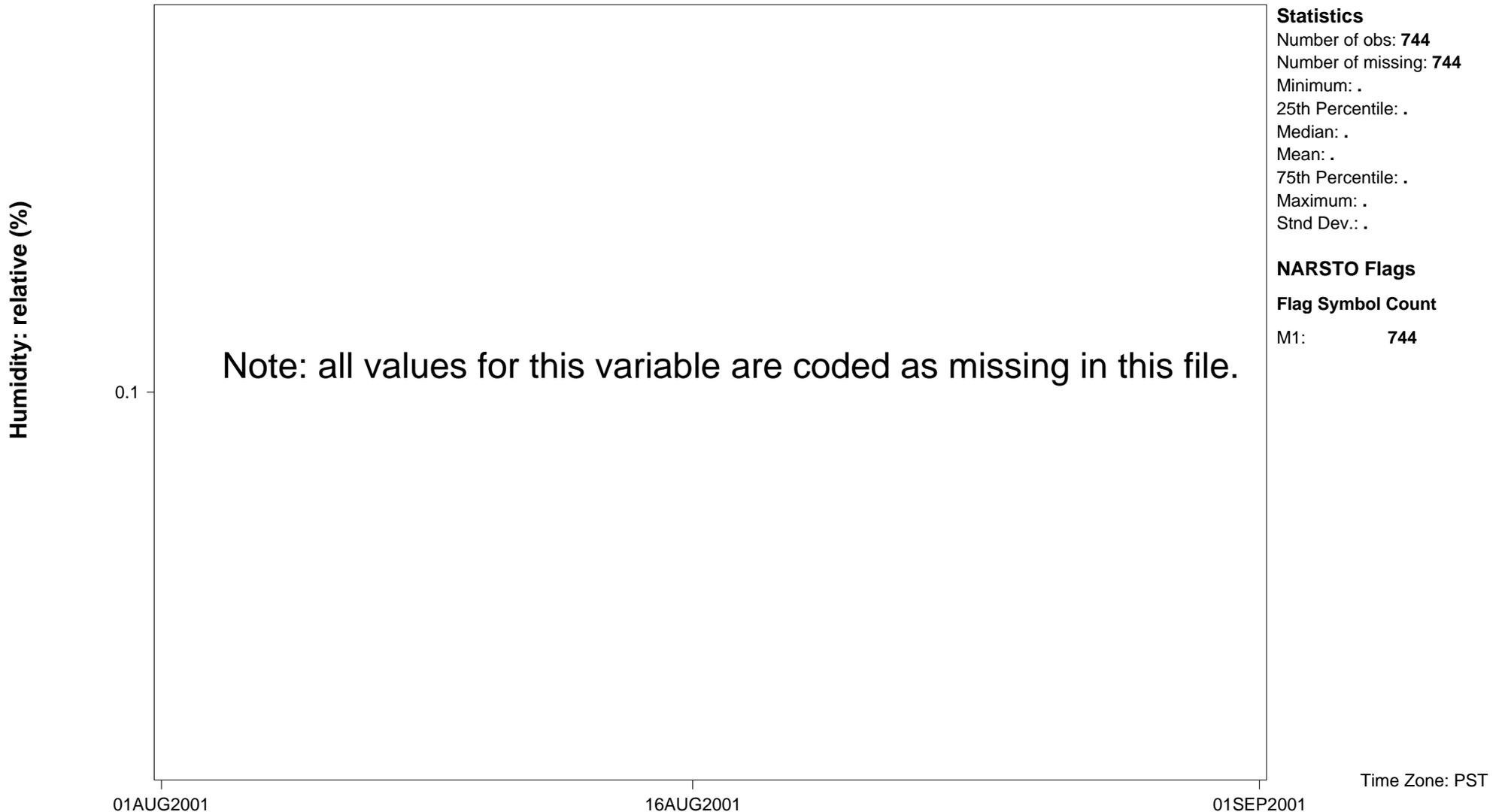
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

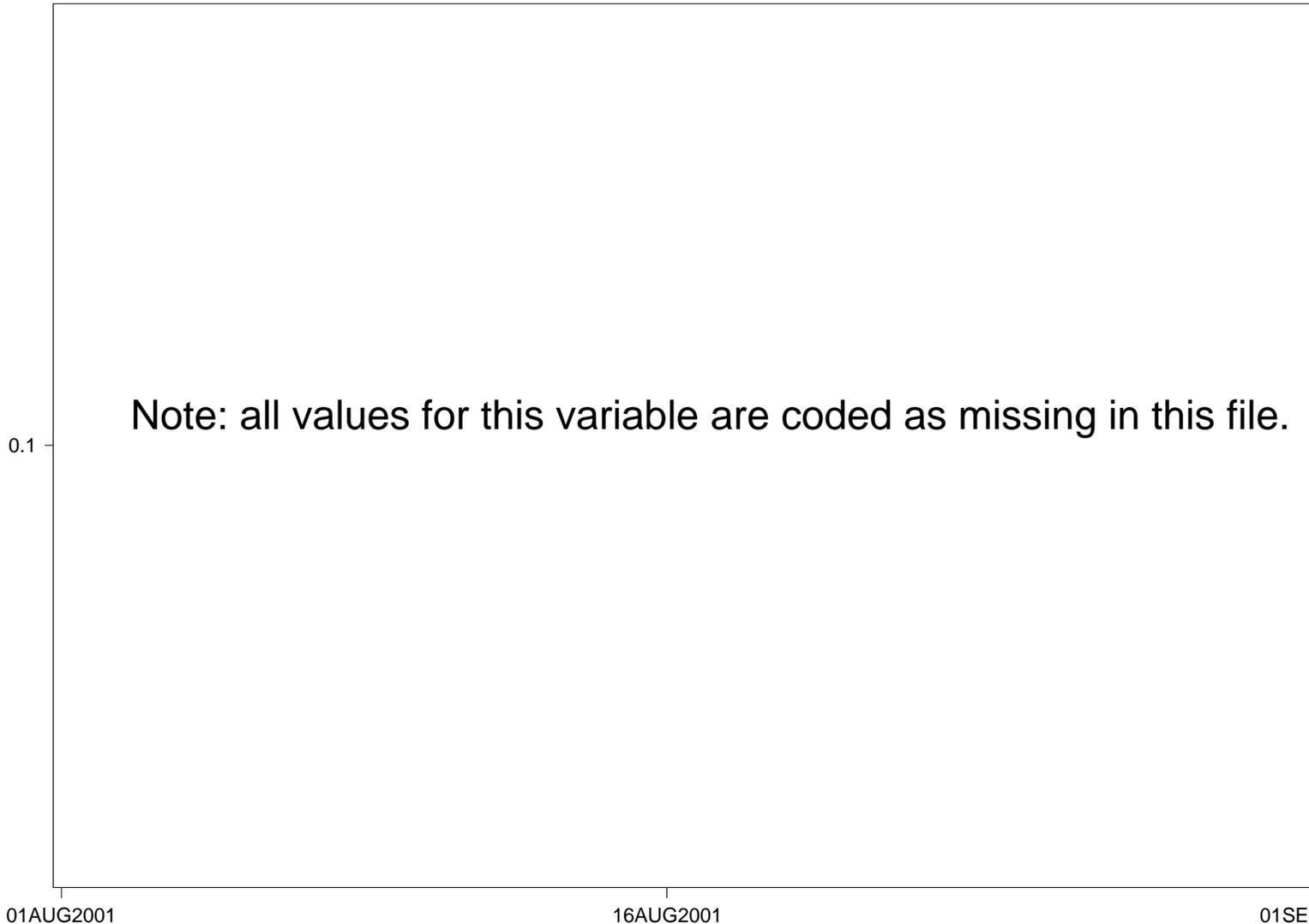
Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT014** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

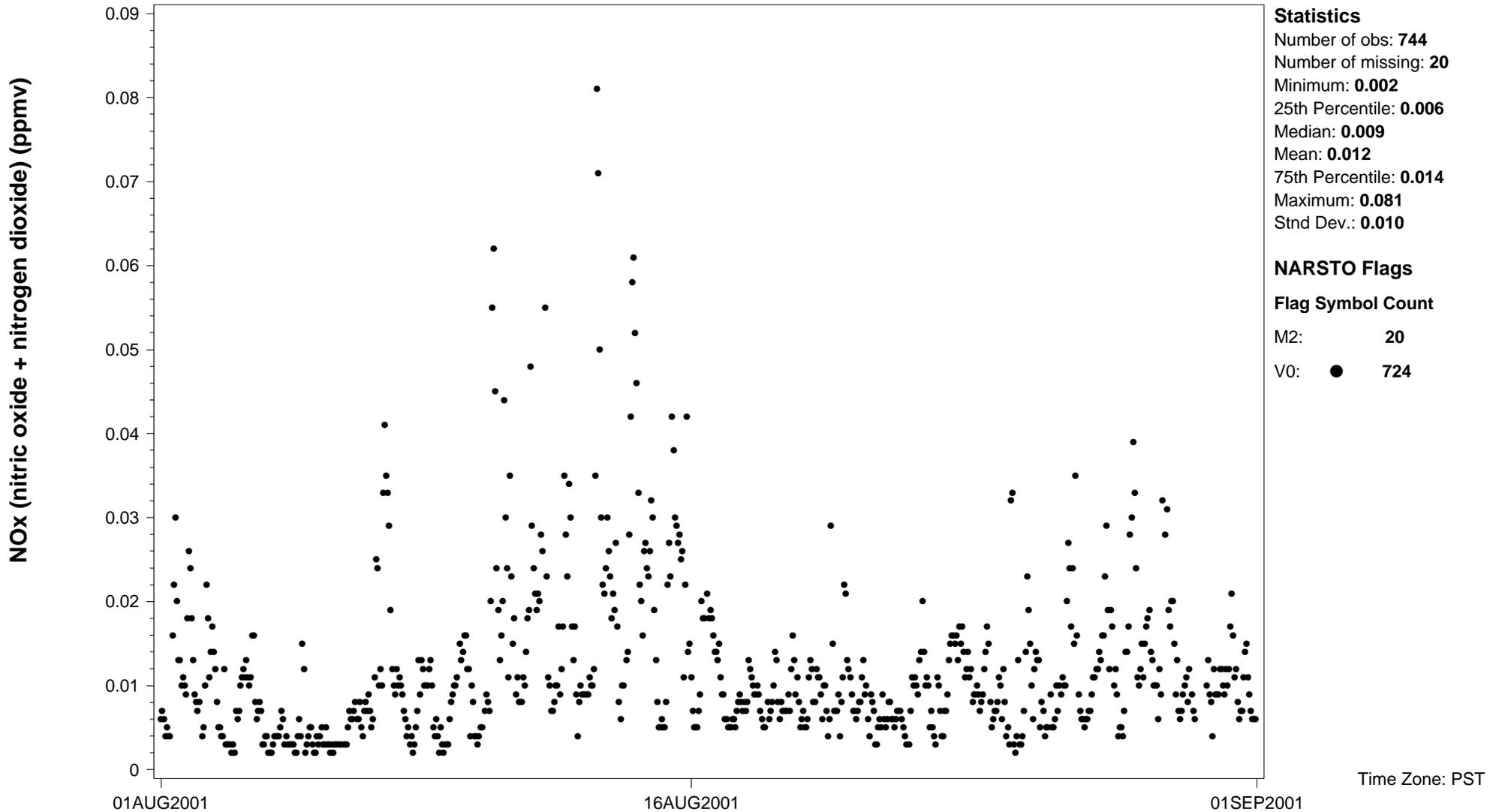
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**



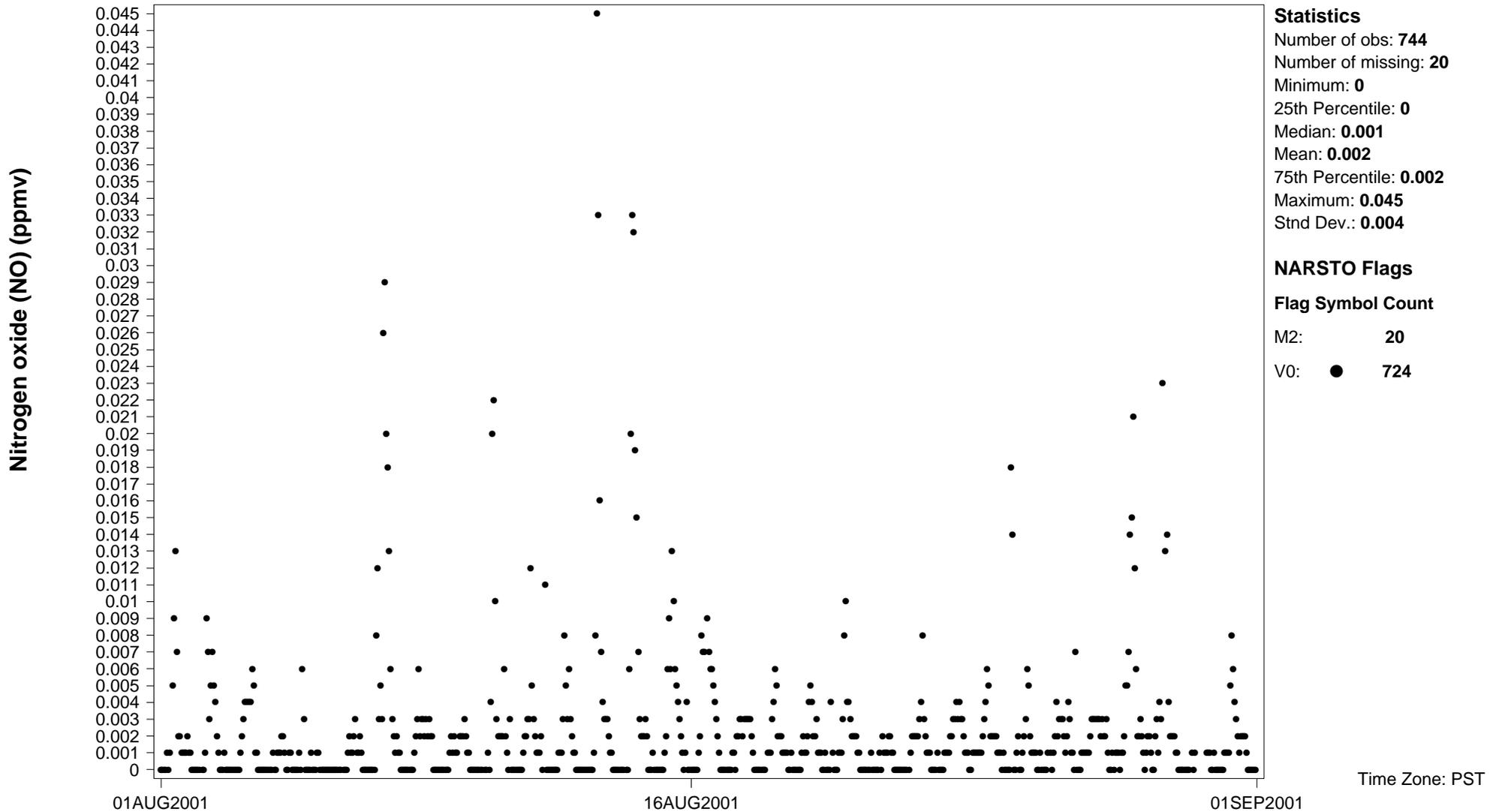
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT014** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

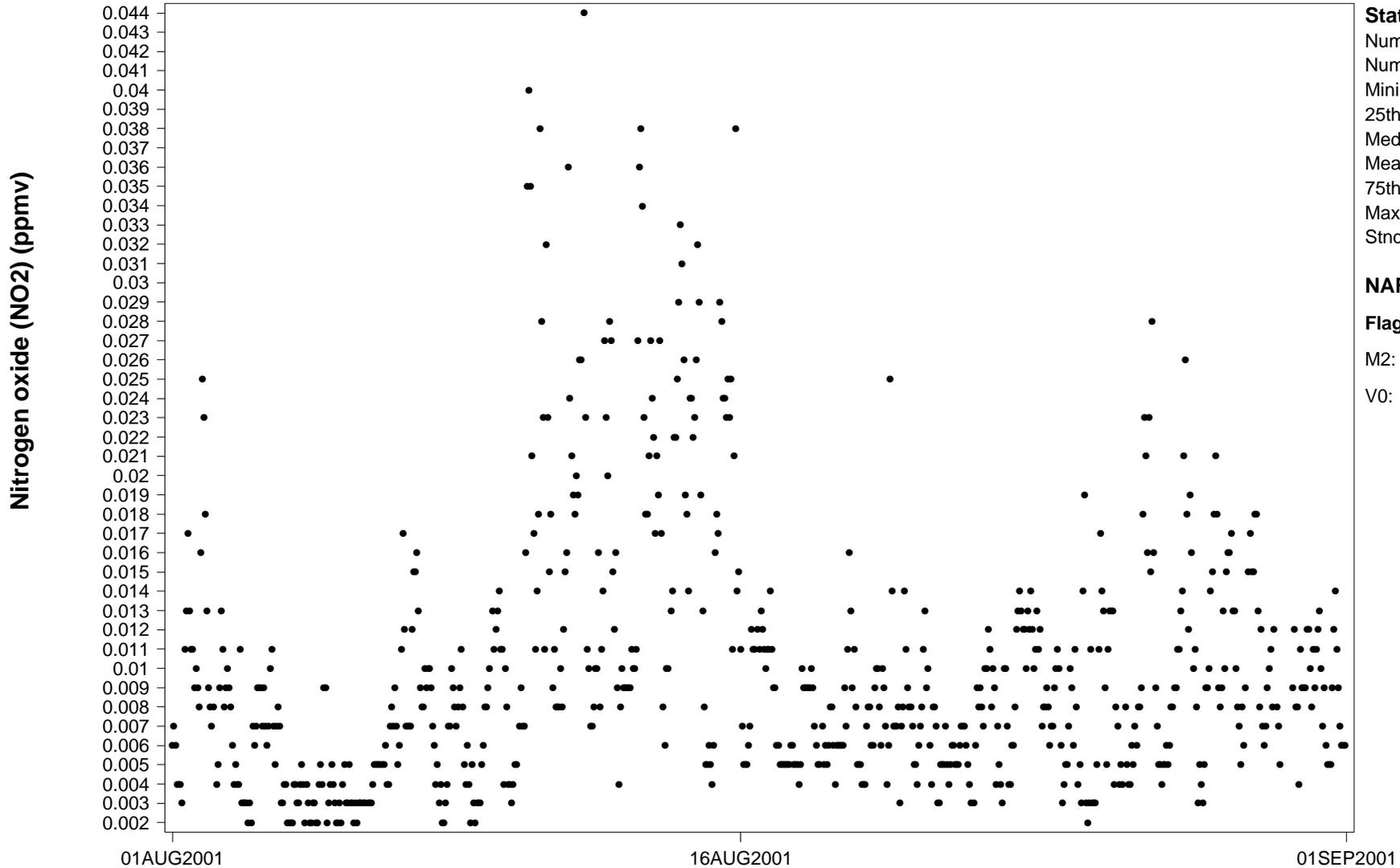


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT014** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **20**  
 Minimum: **0.002**  
 25th Percentile: **0.005**  
 Median: **0.008**  
 Mean: **0.010**  
 75th Percentile: **0.012**  
 Maximum: **0.044**  
 Std Dev.: **0.007**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **20**  
 V0: ● **724**

Time Zone: PST

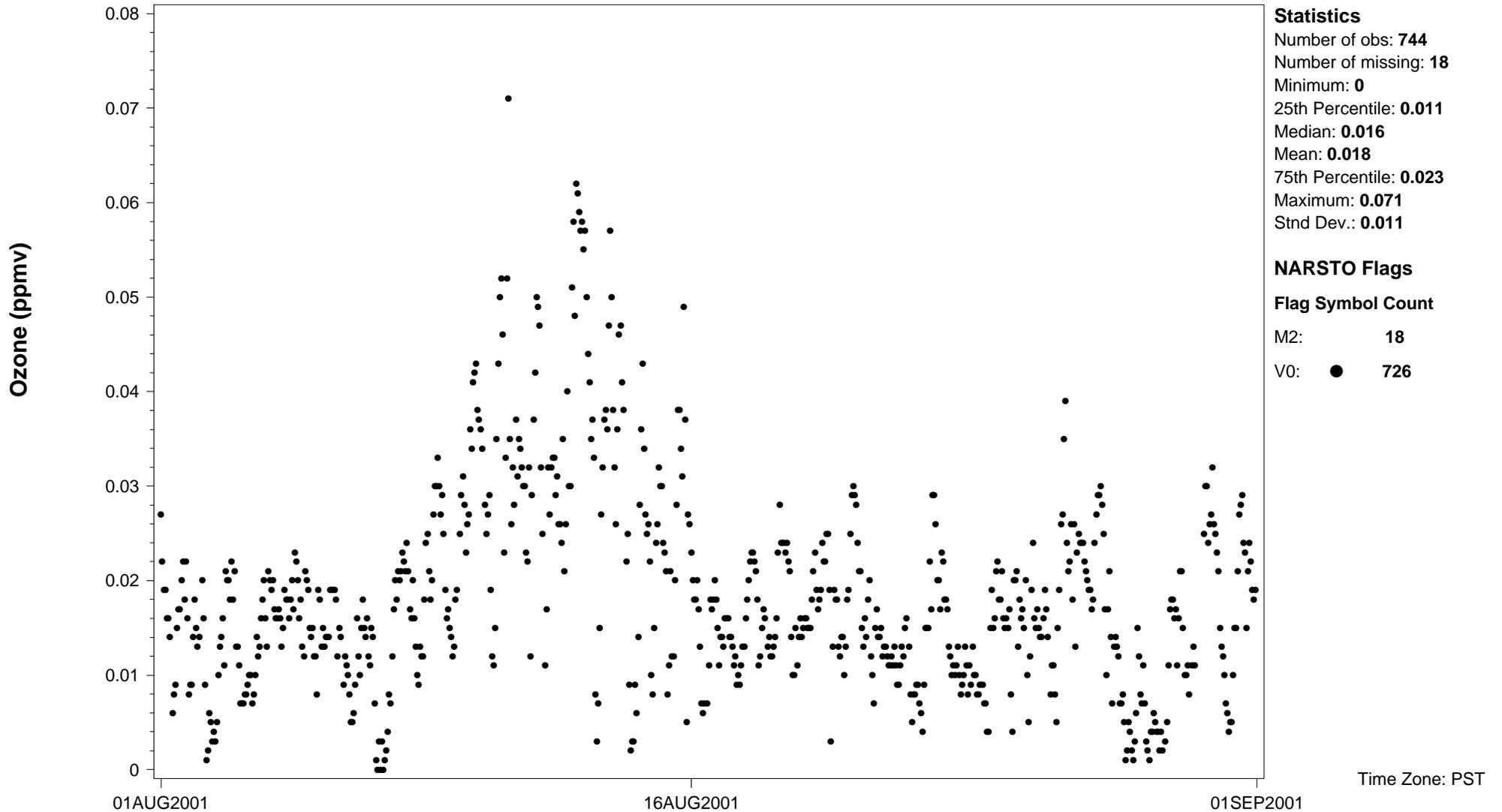
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT014** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

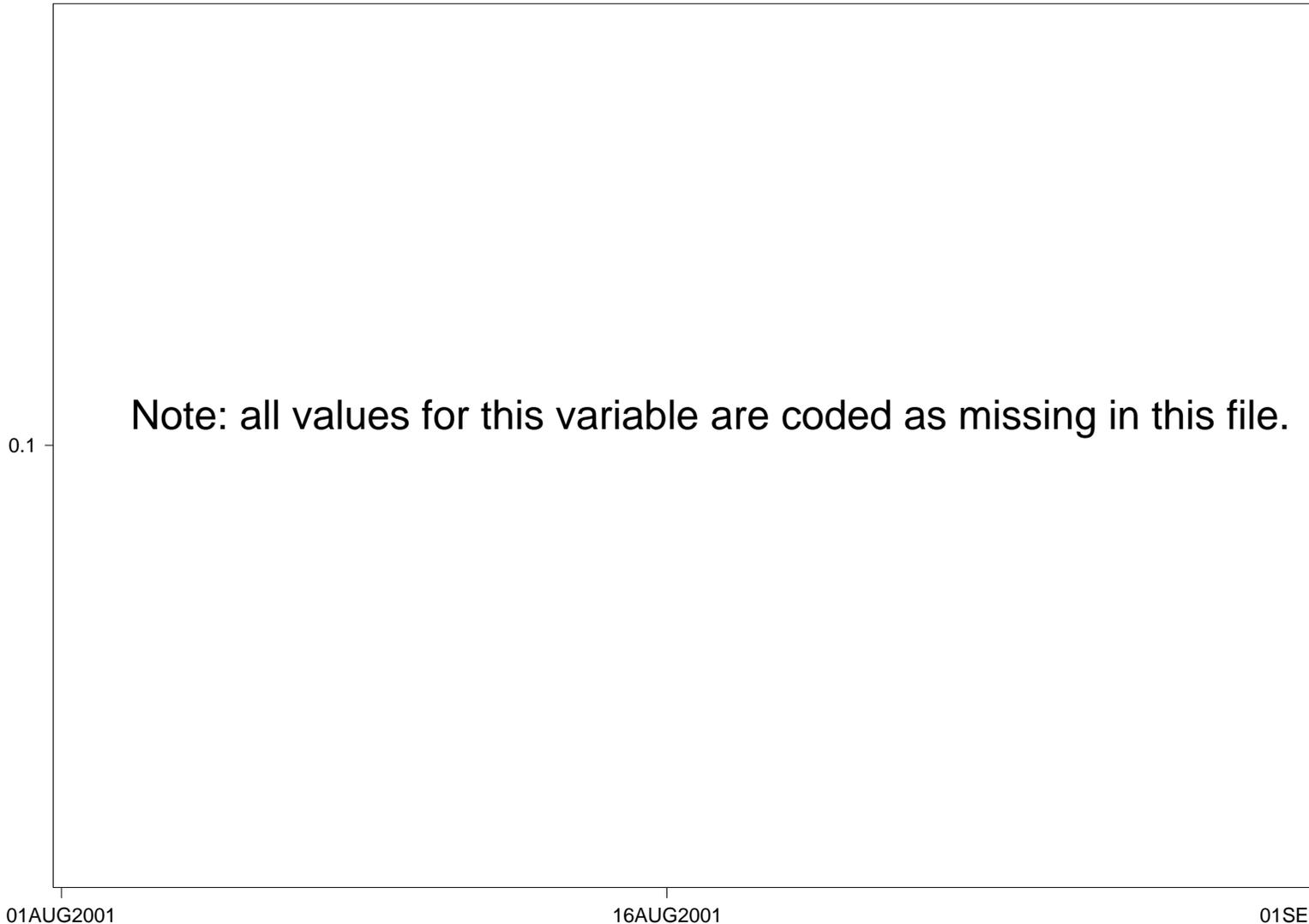


Site ID: **PC01CABCT014** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

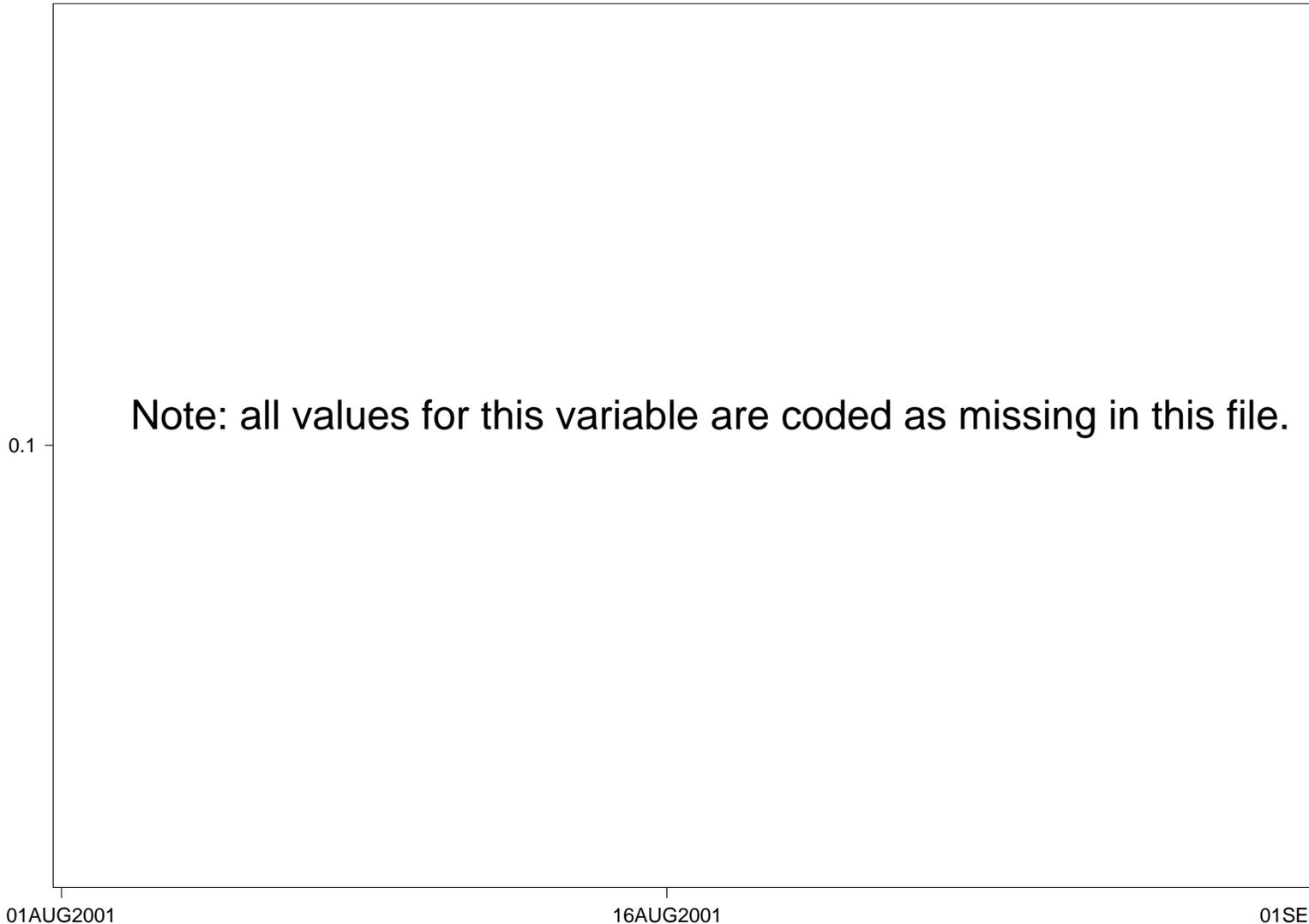
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

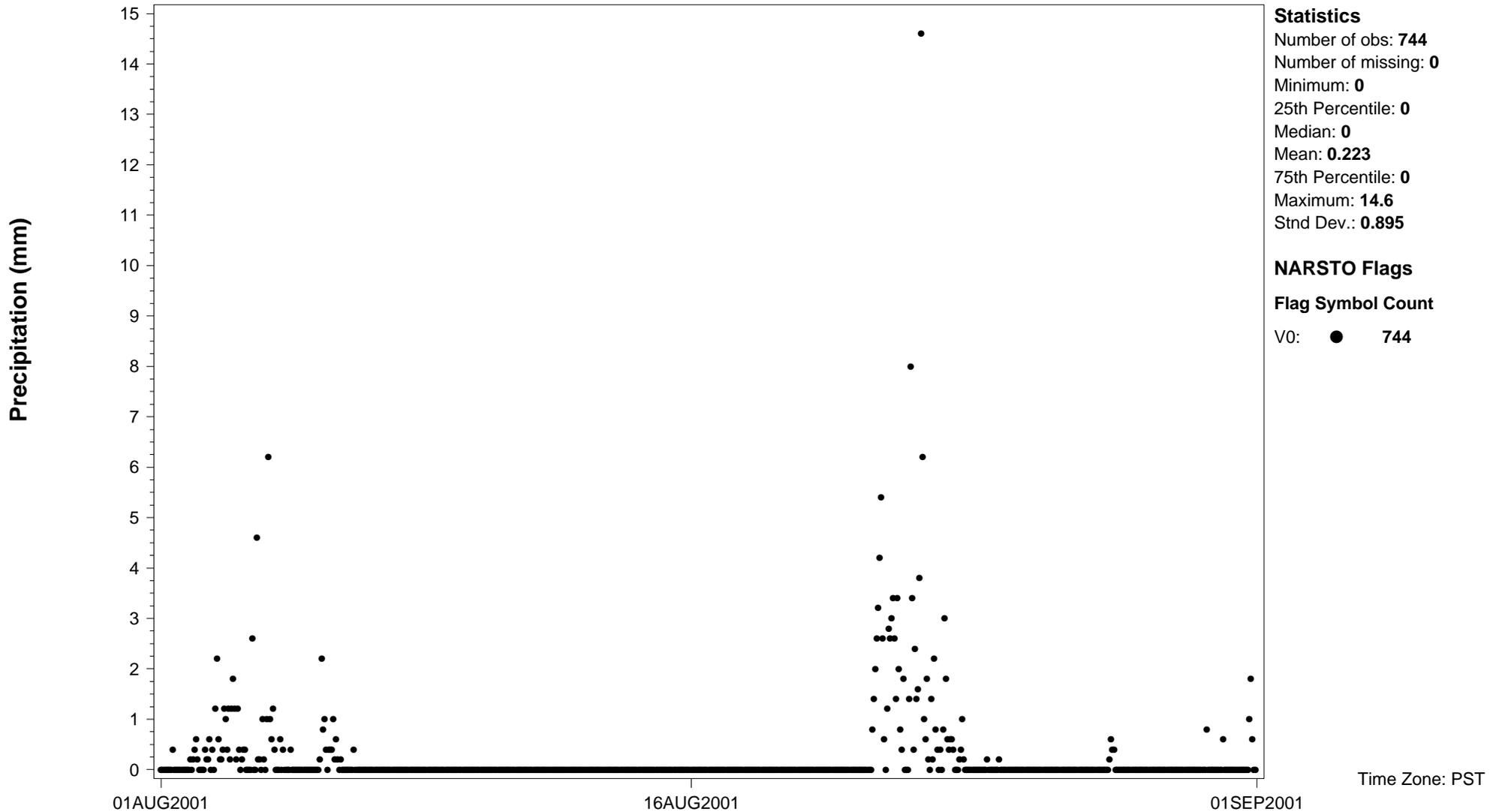
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT014** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

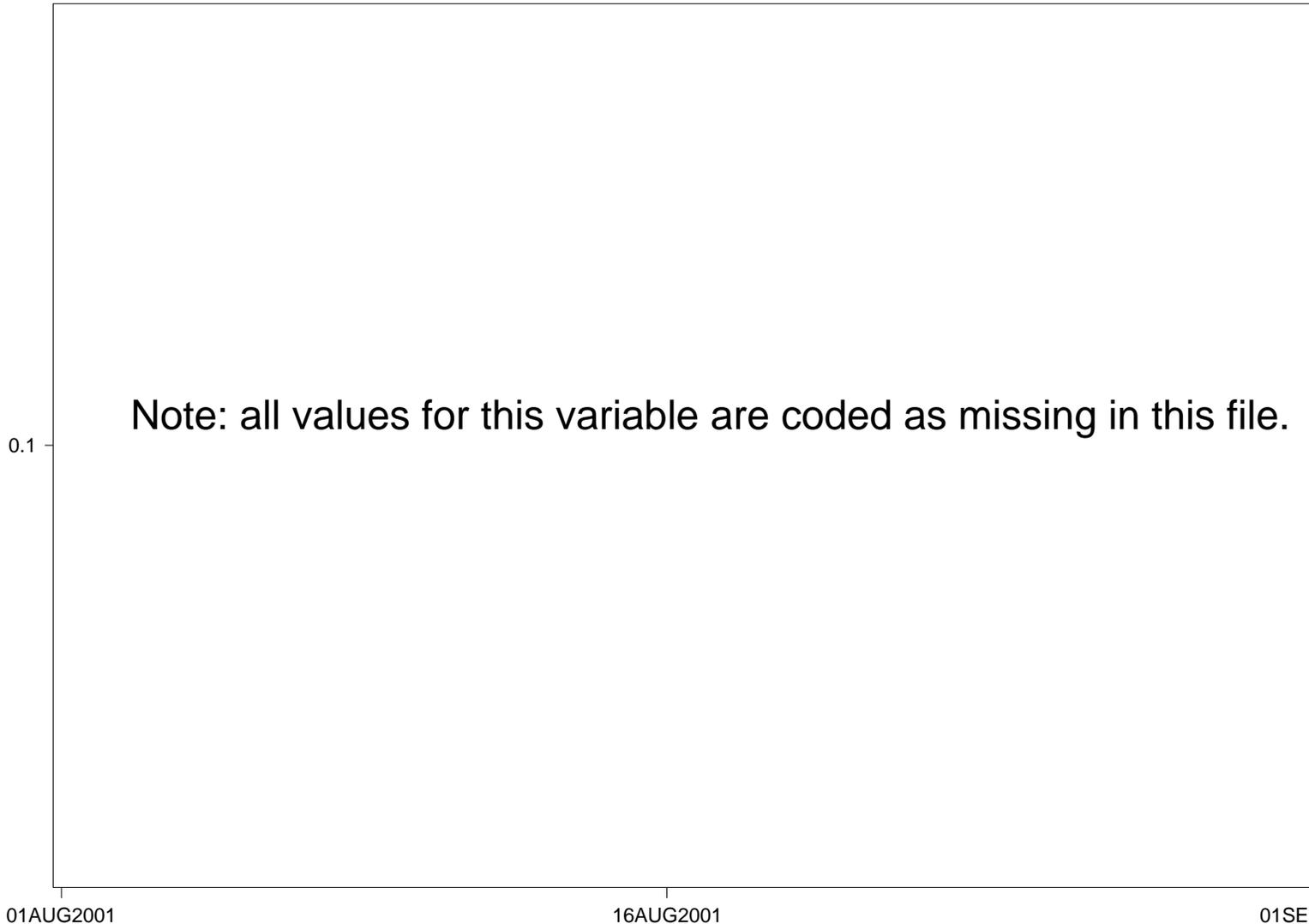
Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT014** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

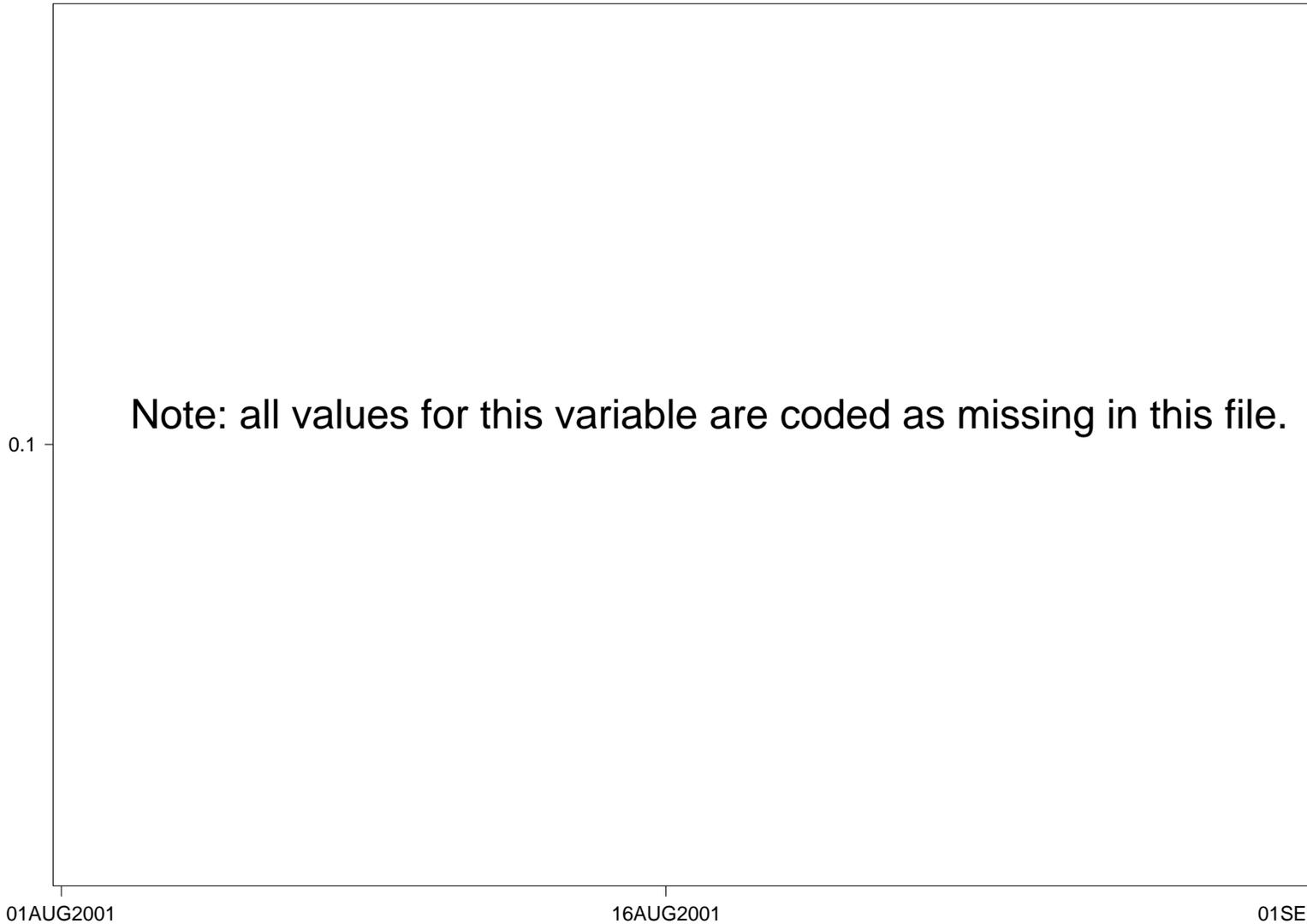
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

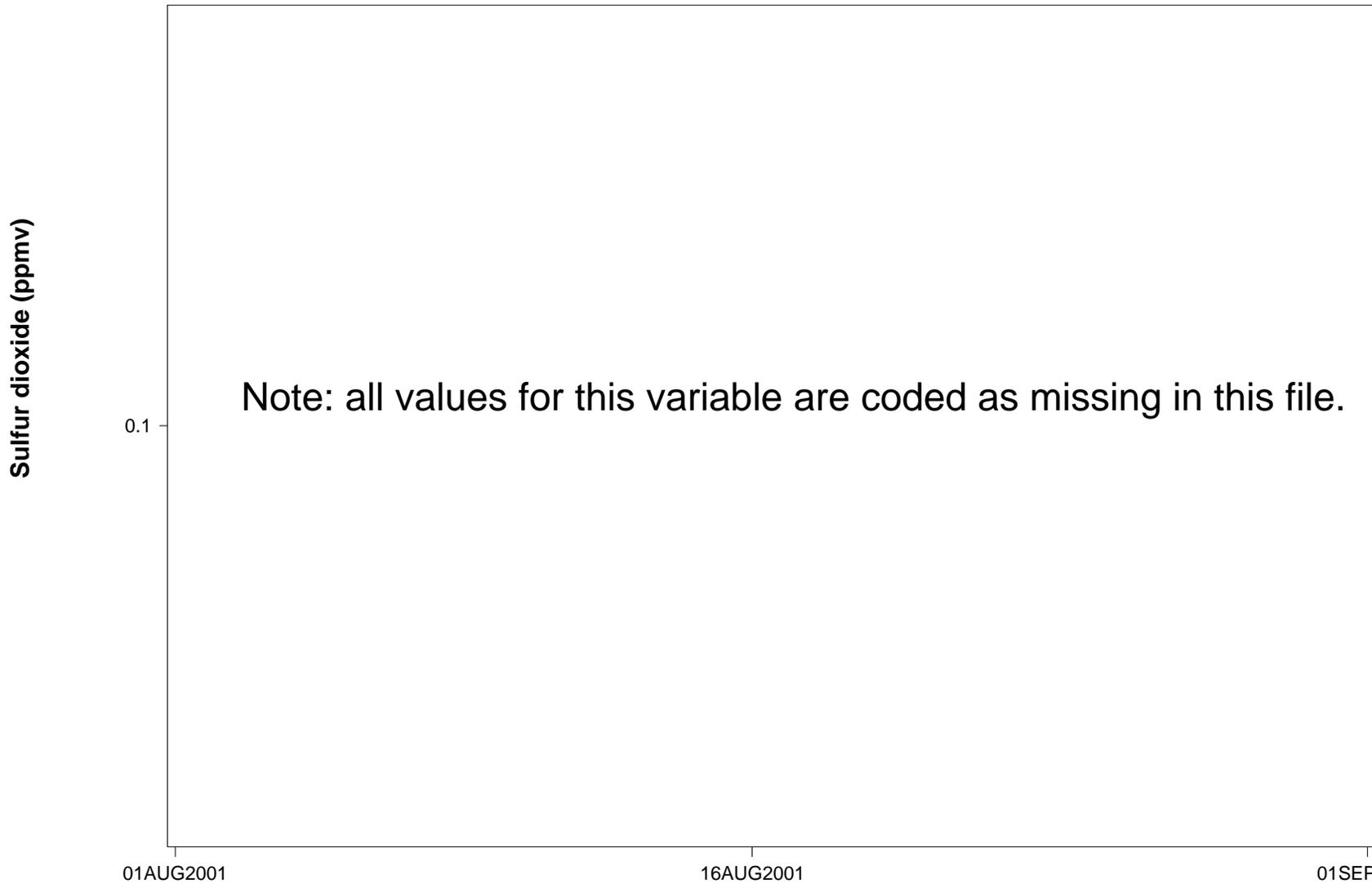
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

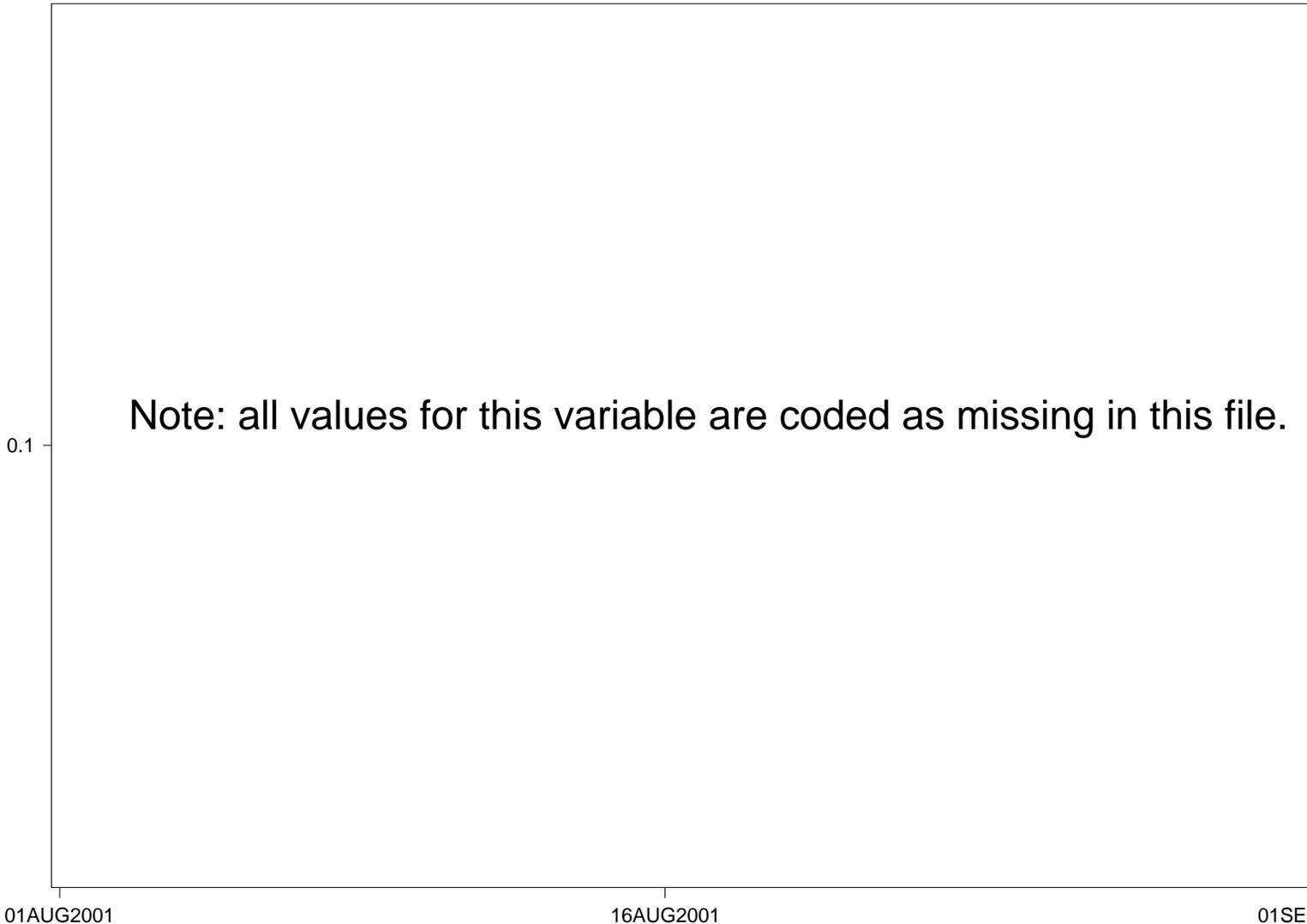
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

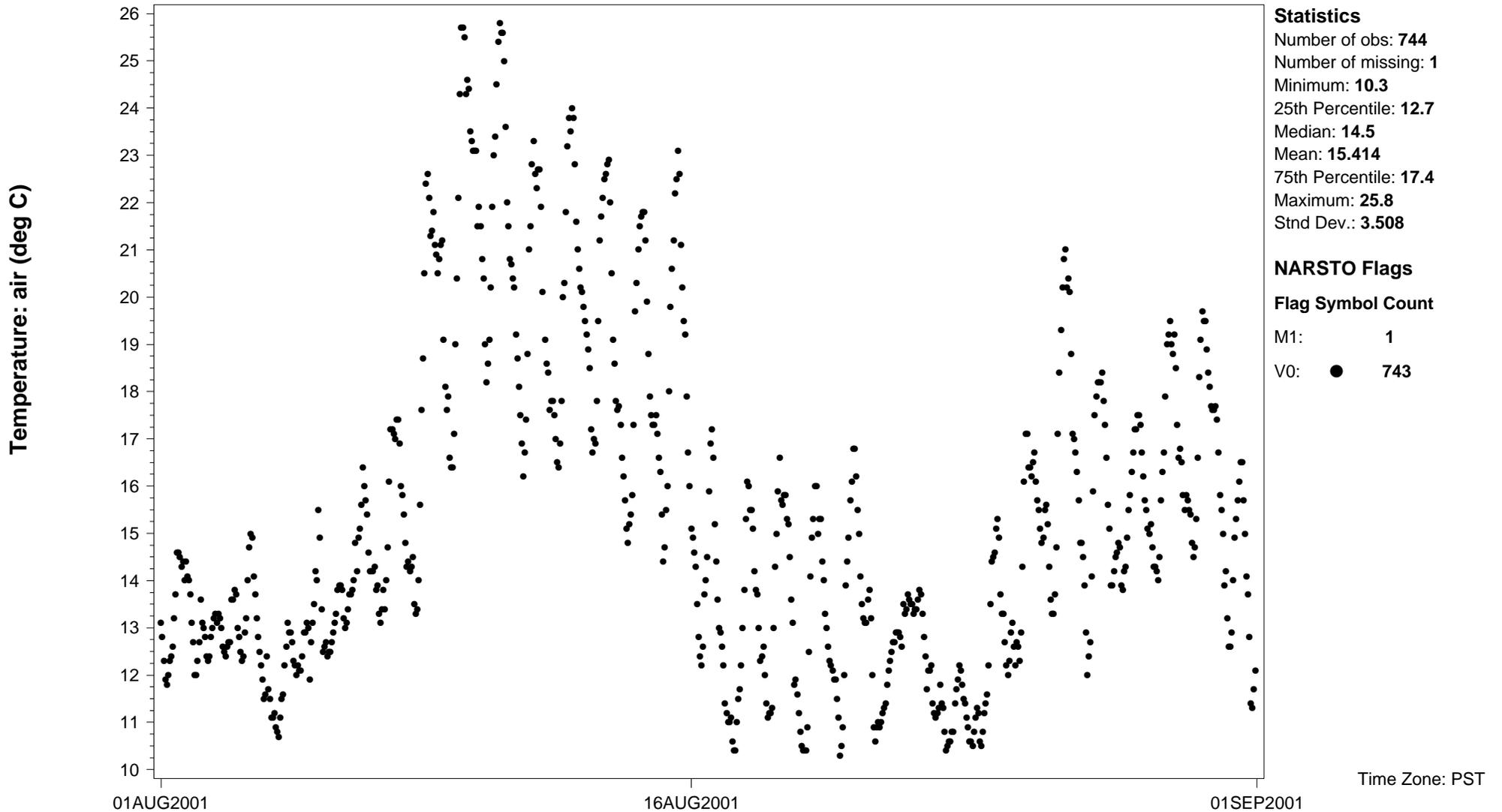
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

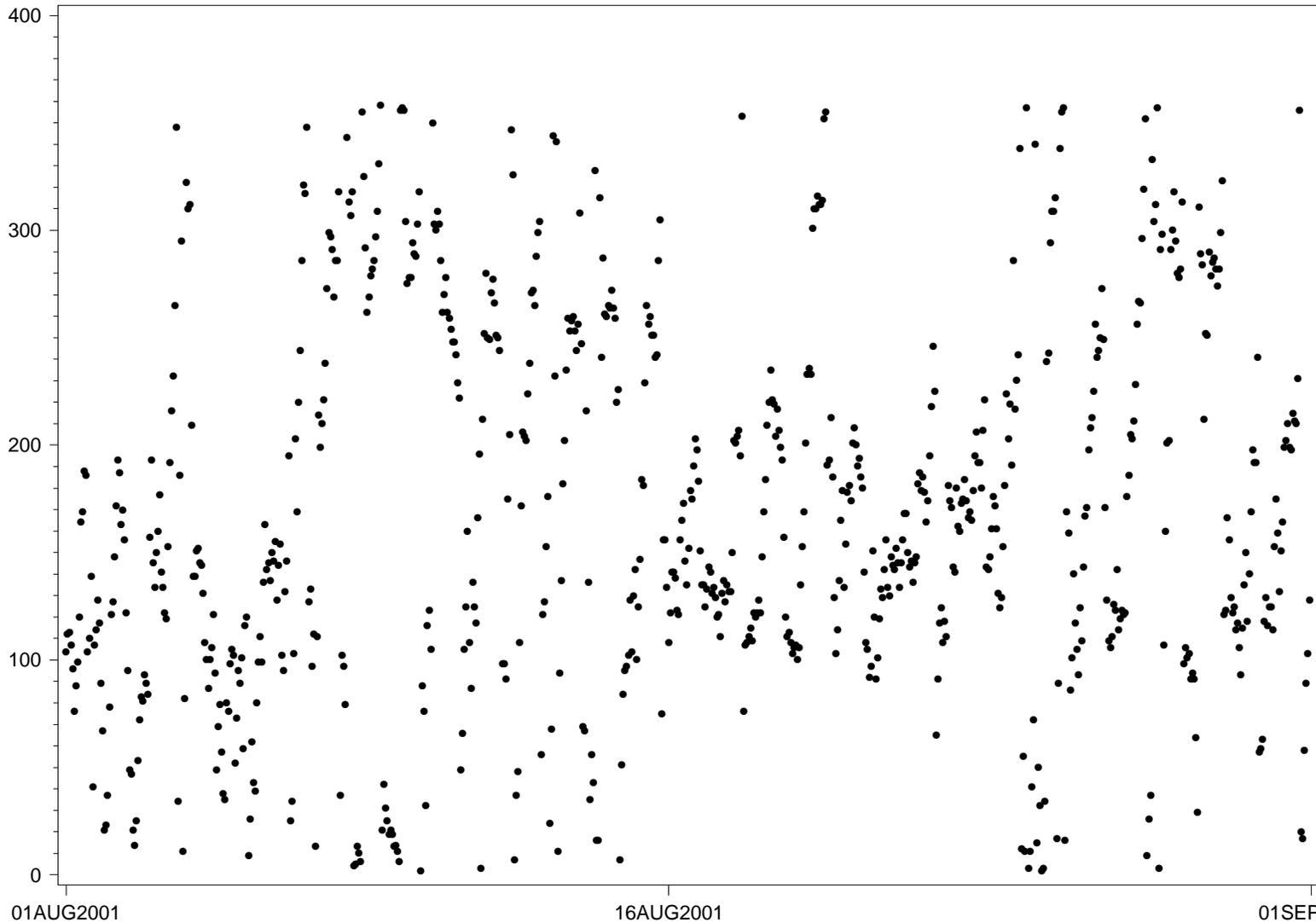


Site ID: **PC01CABCT014** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **2**  
 25th Percentile: **108**  
 Median: **153**  
 Mean: **167.385**  
 75th Percentile: **232**  
 Maximum: **358**  
 Std Dev.: **87.378**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

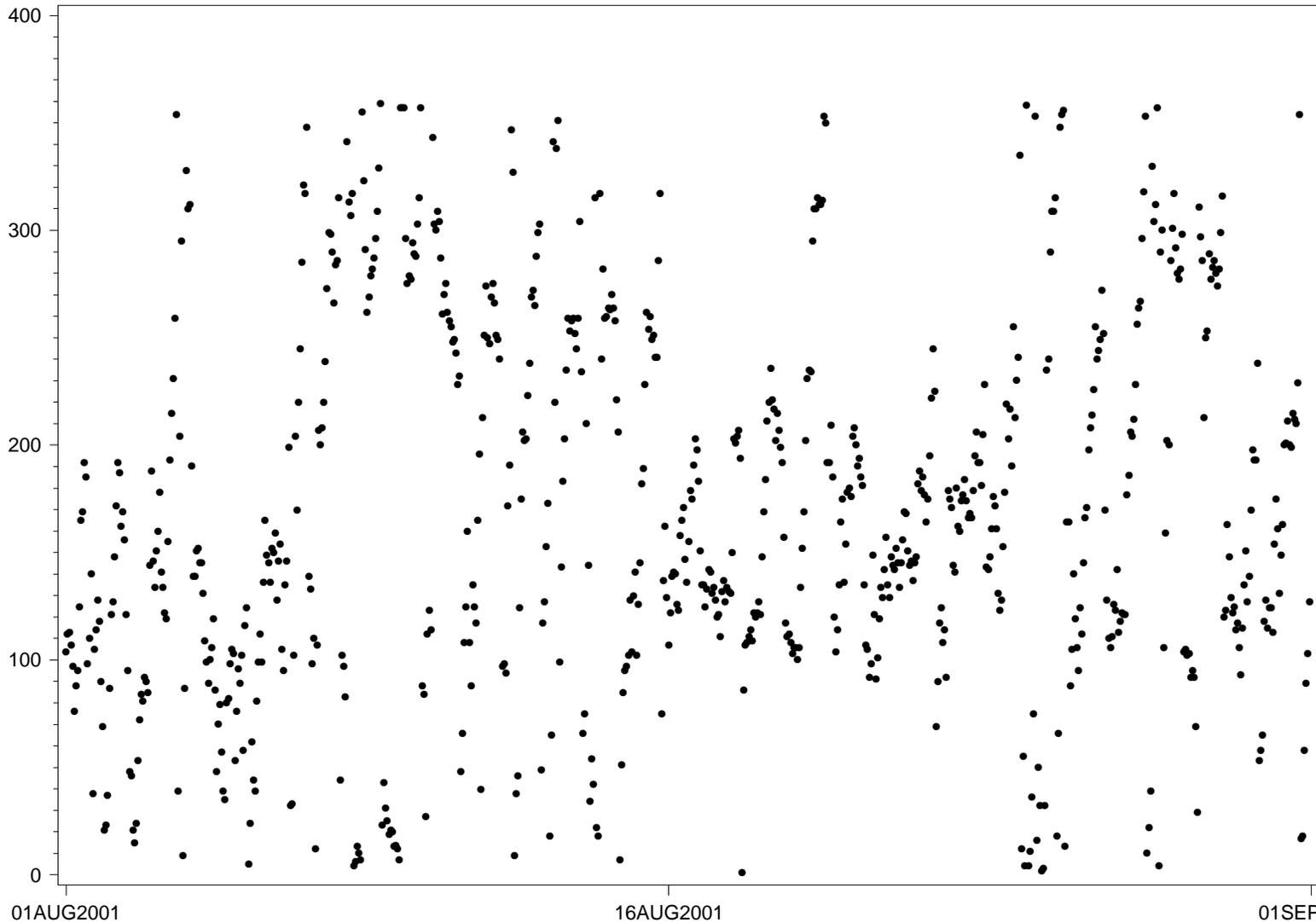
Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



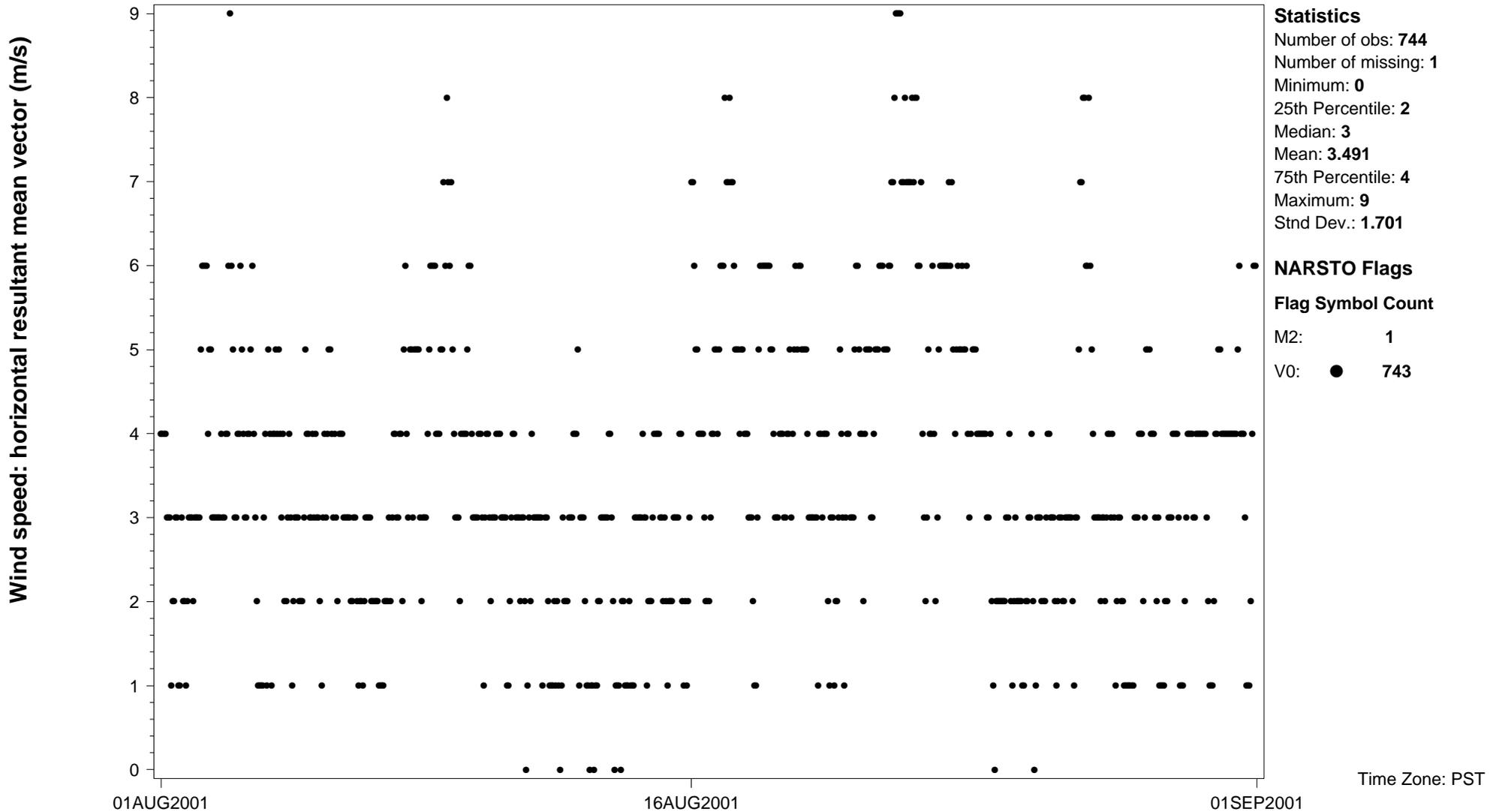
**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **1**  
 25th Percentile: **107**  
 Median: **152**  
 Mean: **167.666**  
 75th Percentile: **232**  
 Maximum: **359**  
 Std Dev.: **87.050**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

Time Zone: PST

Site ID: **PC01CABCT014** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude: **49.28083333 deg.** Longitude: **-122.9116667 deg.** Start Date: **9999-12-31**

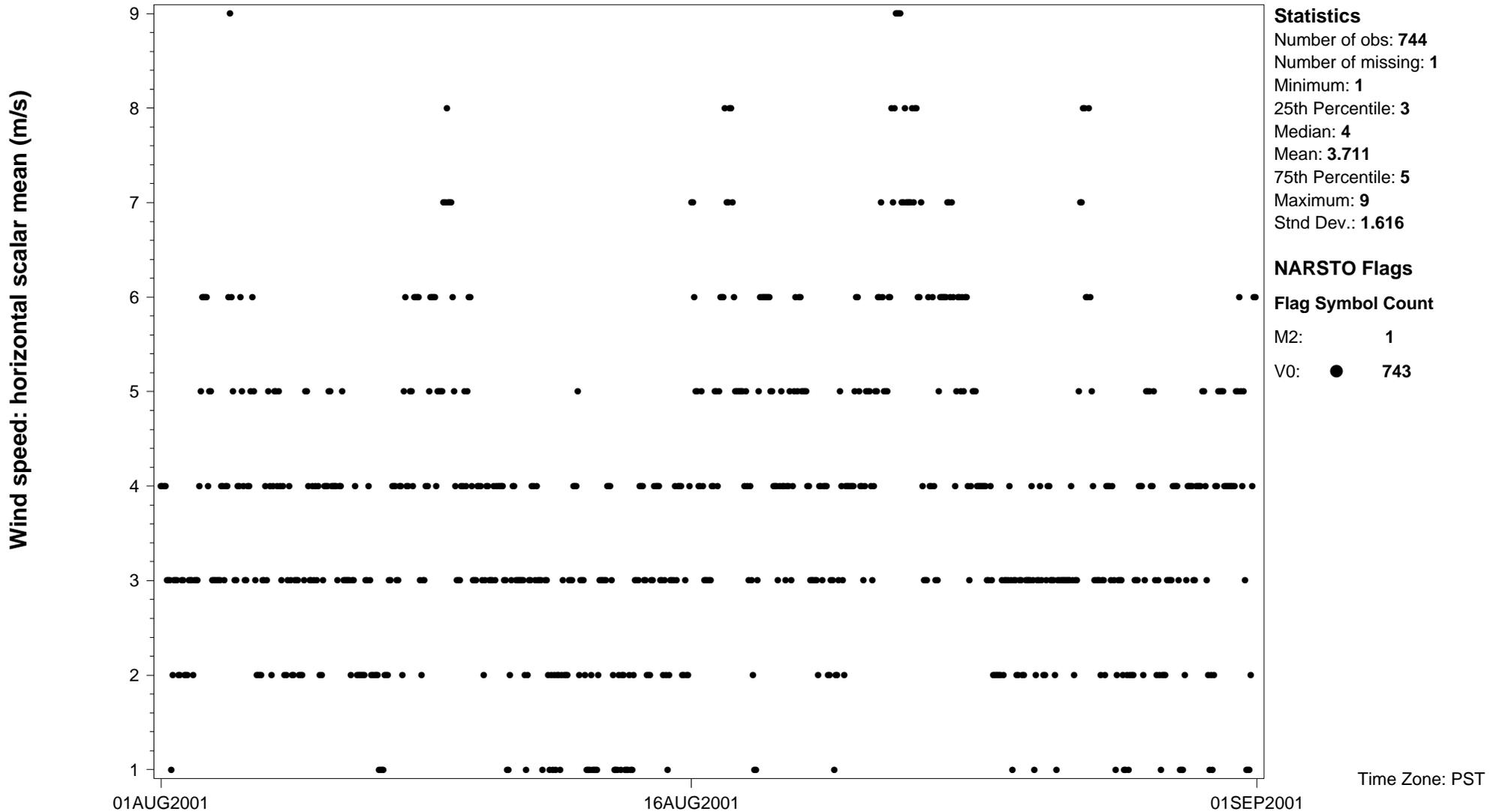


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT014** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY MOUNTAIN - RING ROAD, SFU - BURNABY, British Columbia** Latitude:**49.28083333 deg.** Longitude:**-122.9116667 deg.** Start Date:**9999-12-31**



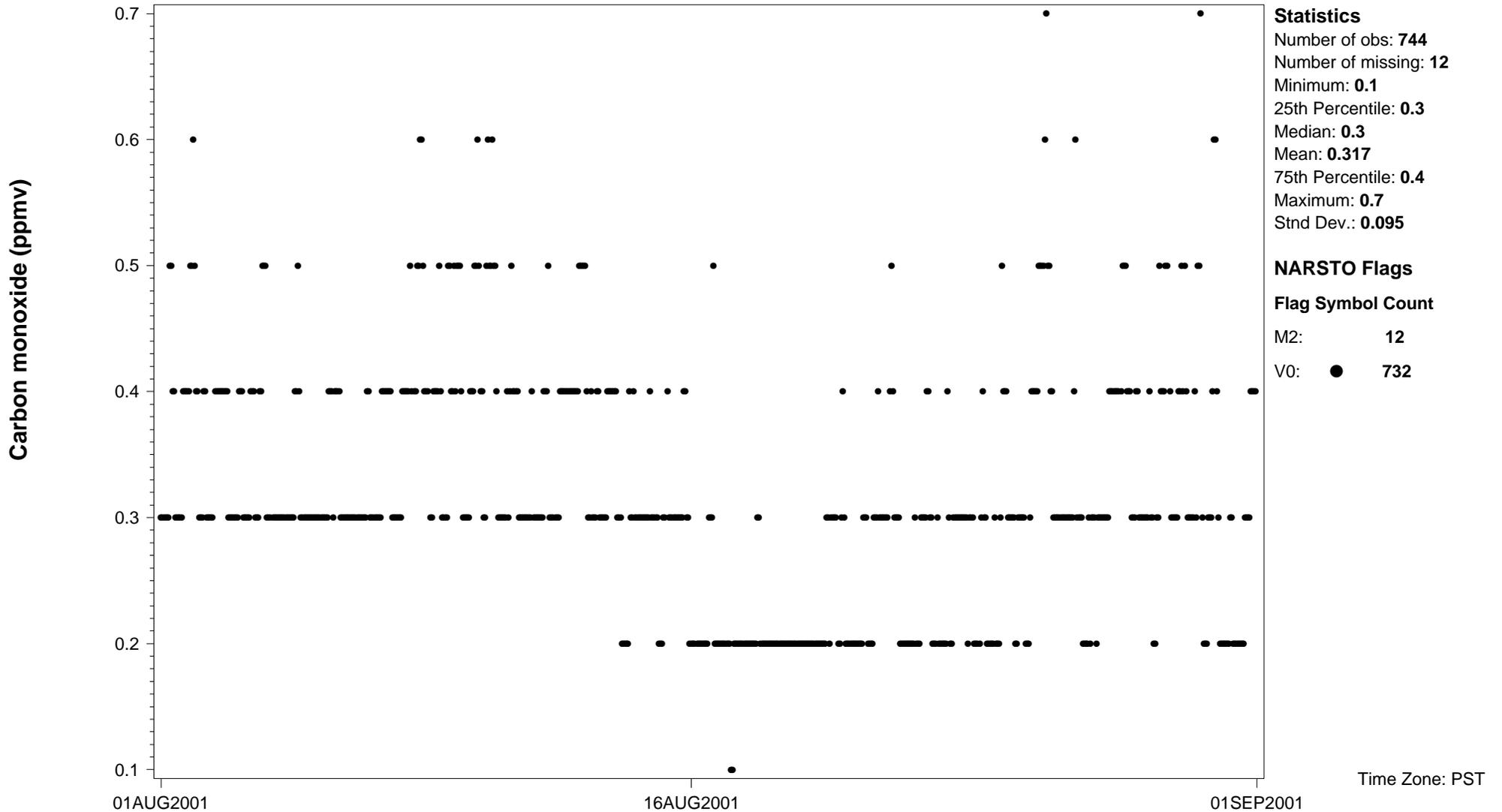
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

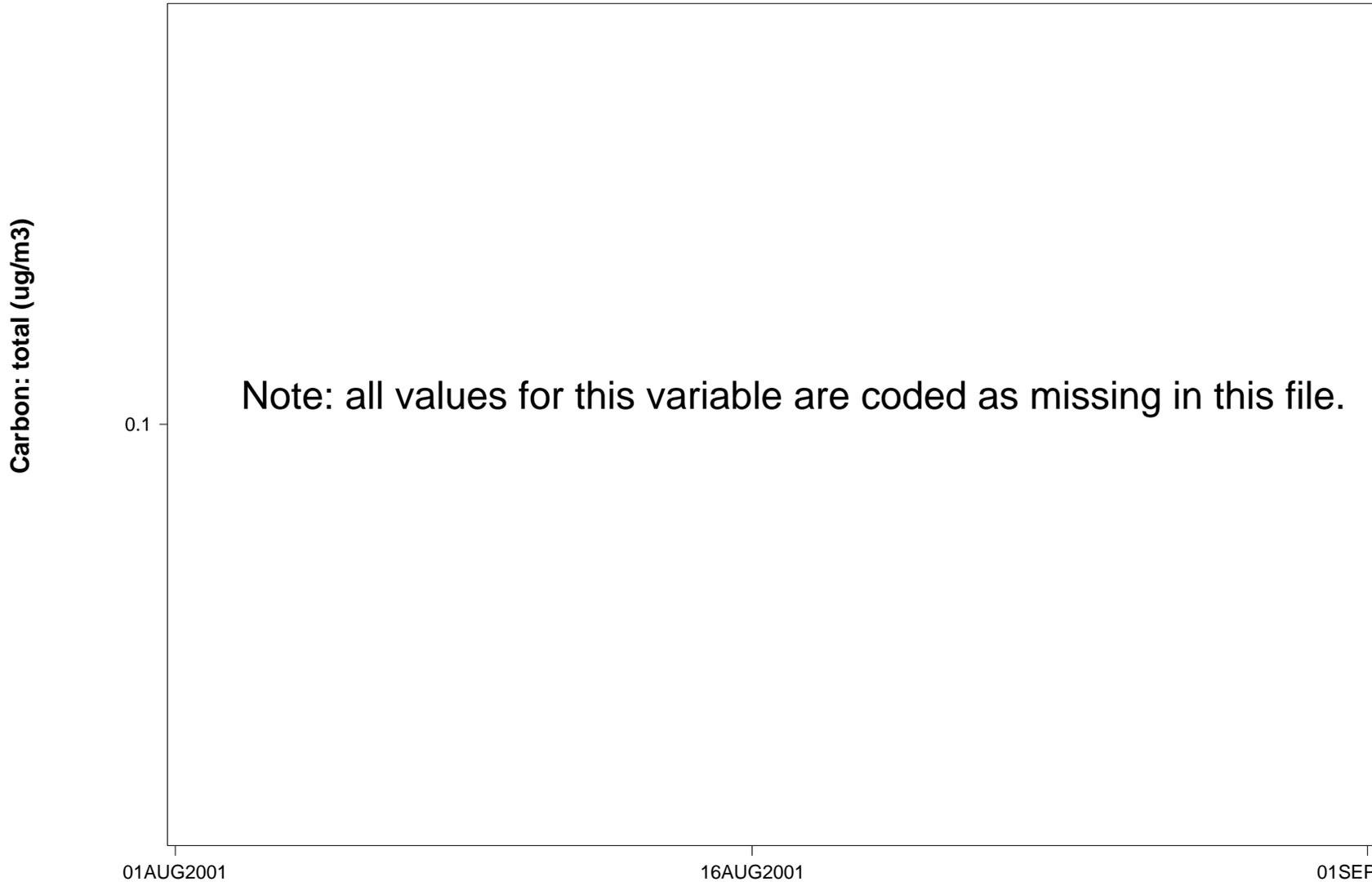
Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT015** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

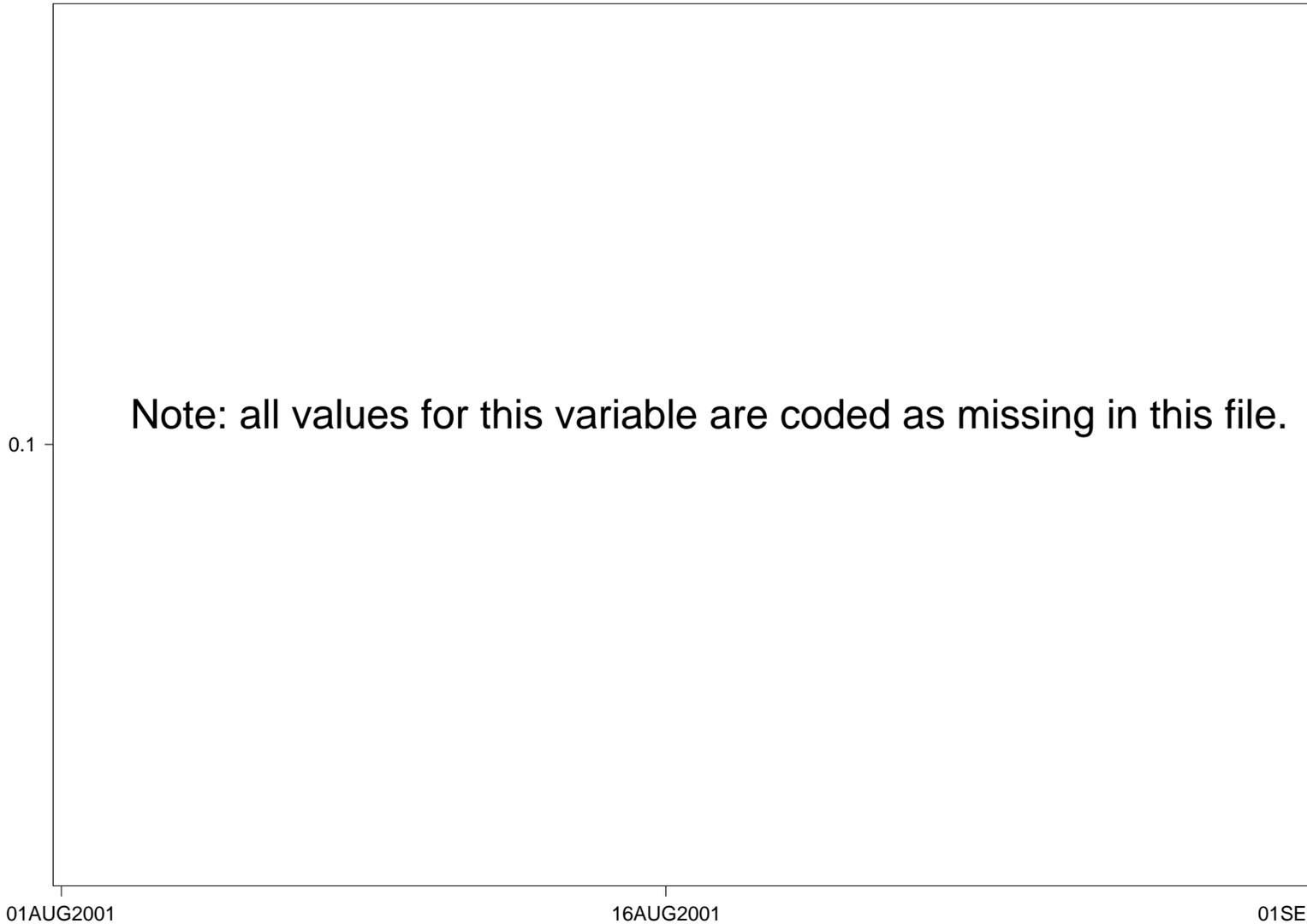
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

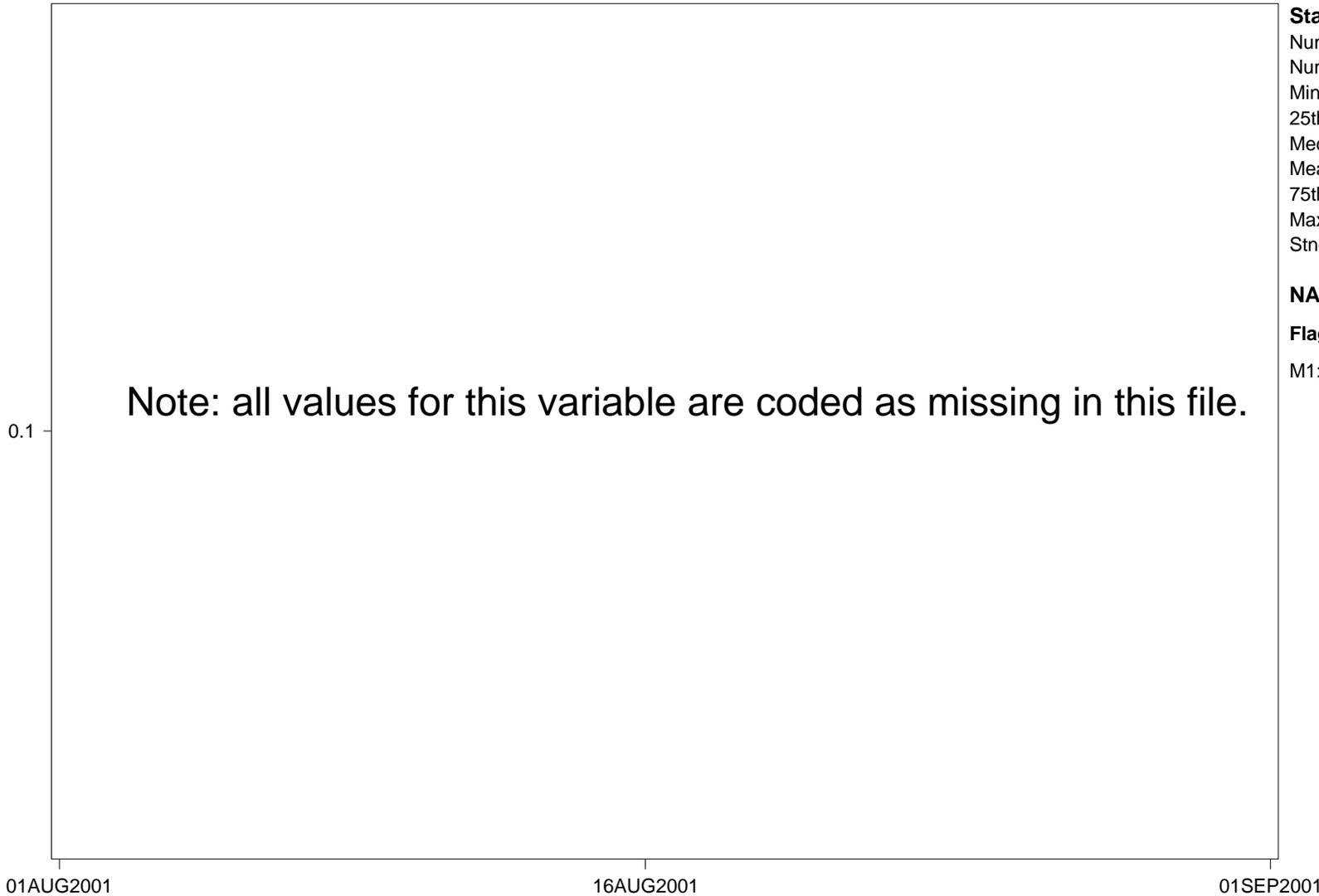
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

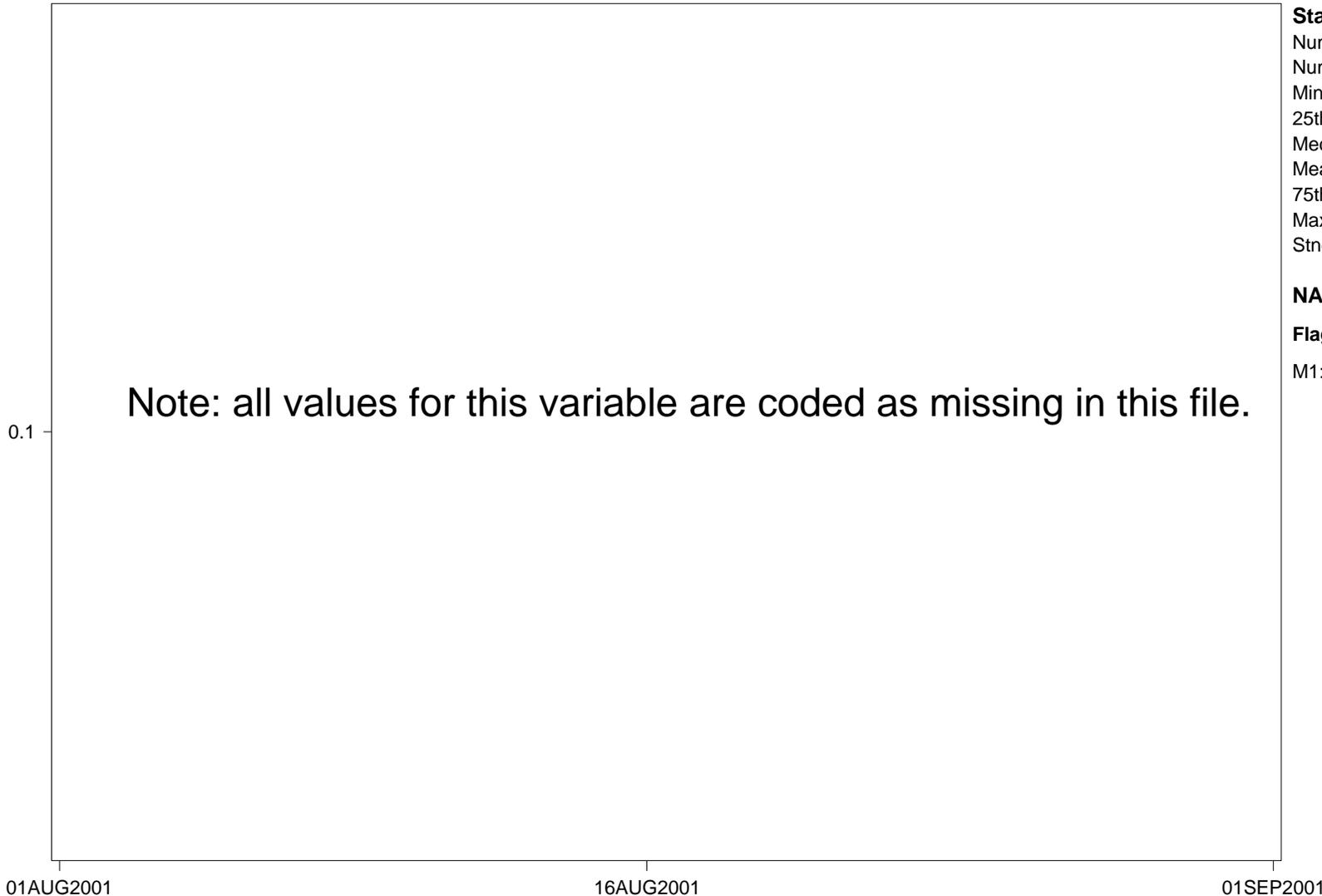
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

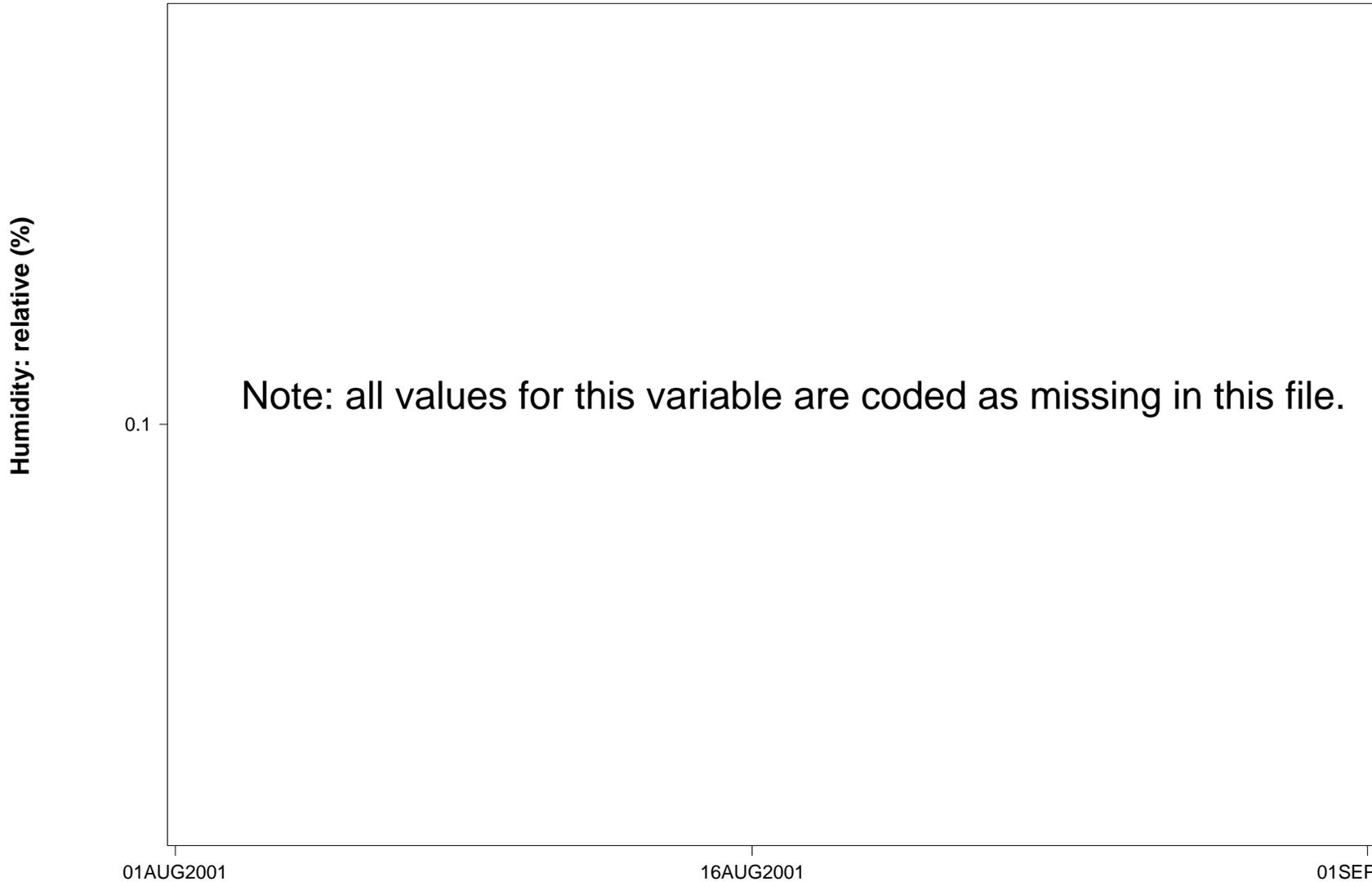
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

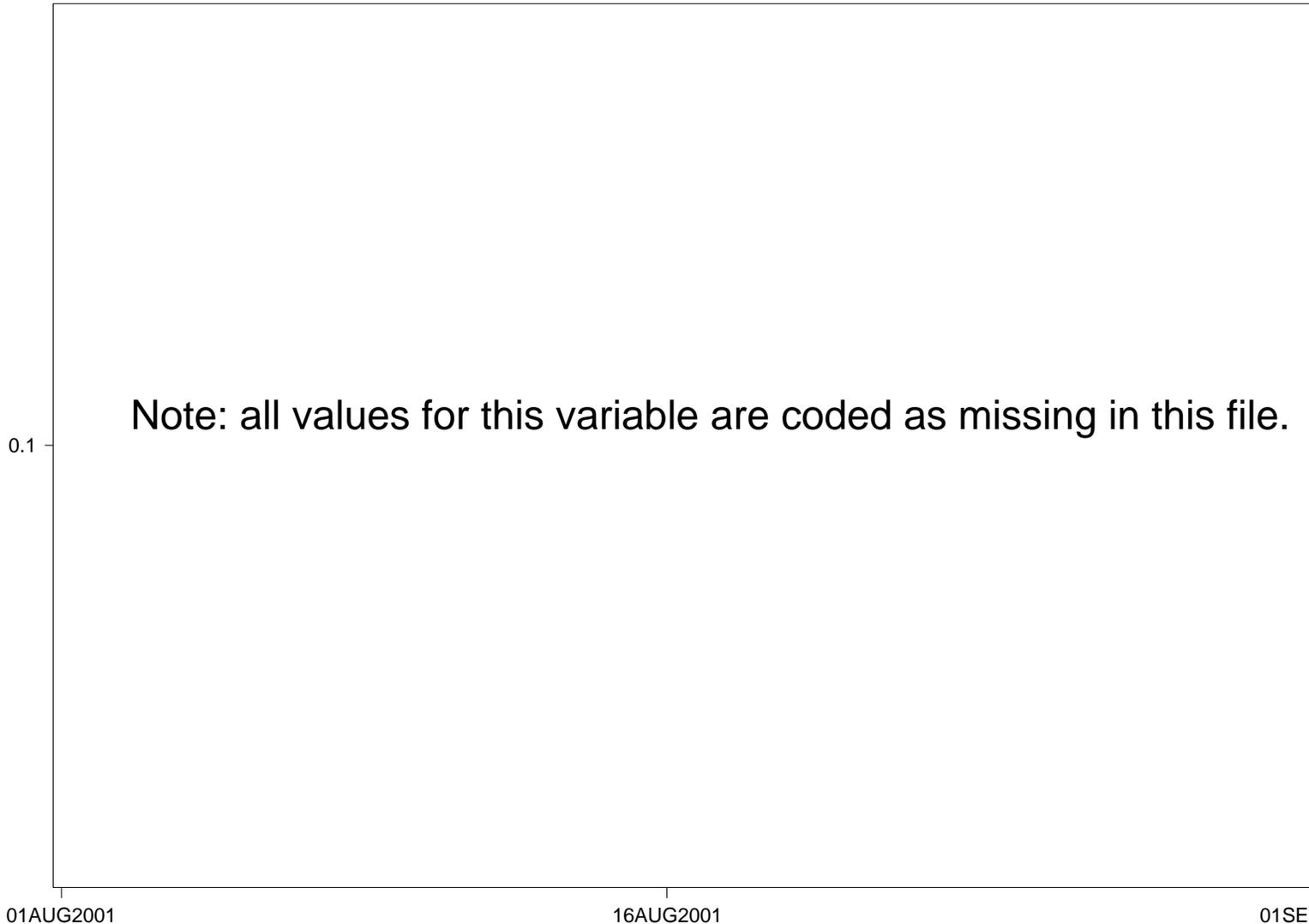
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

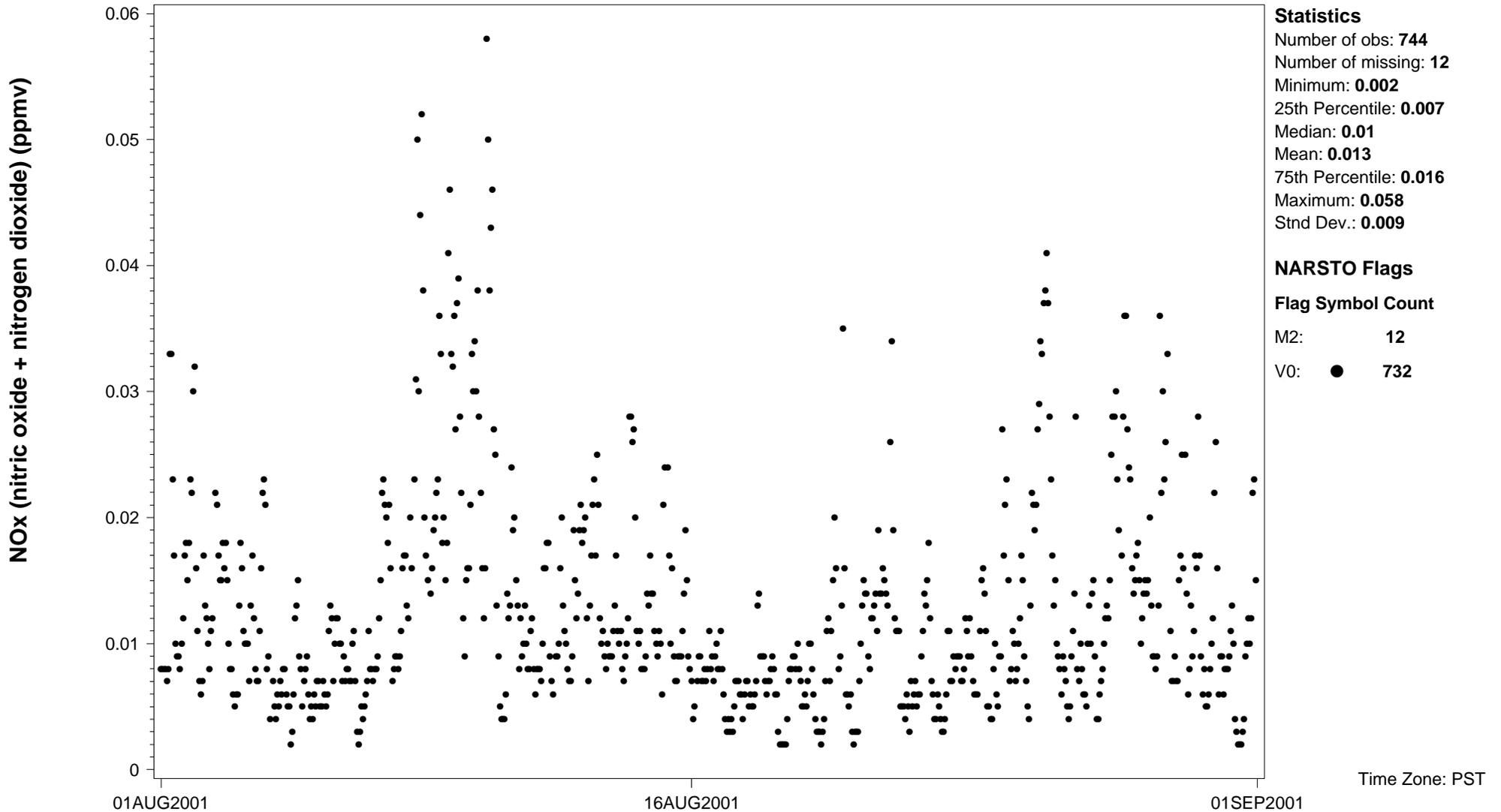
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

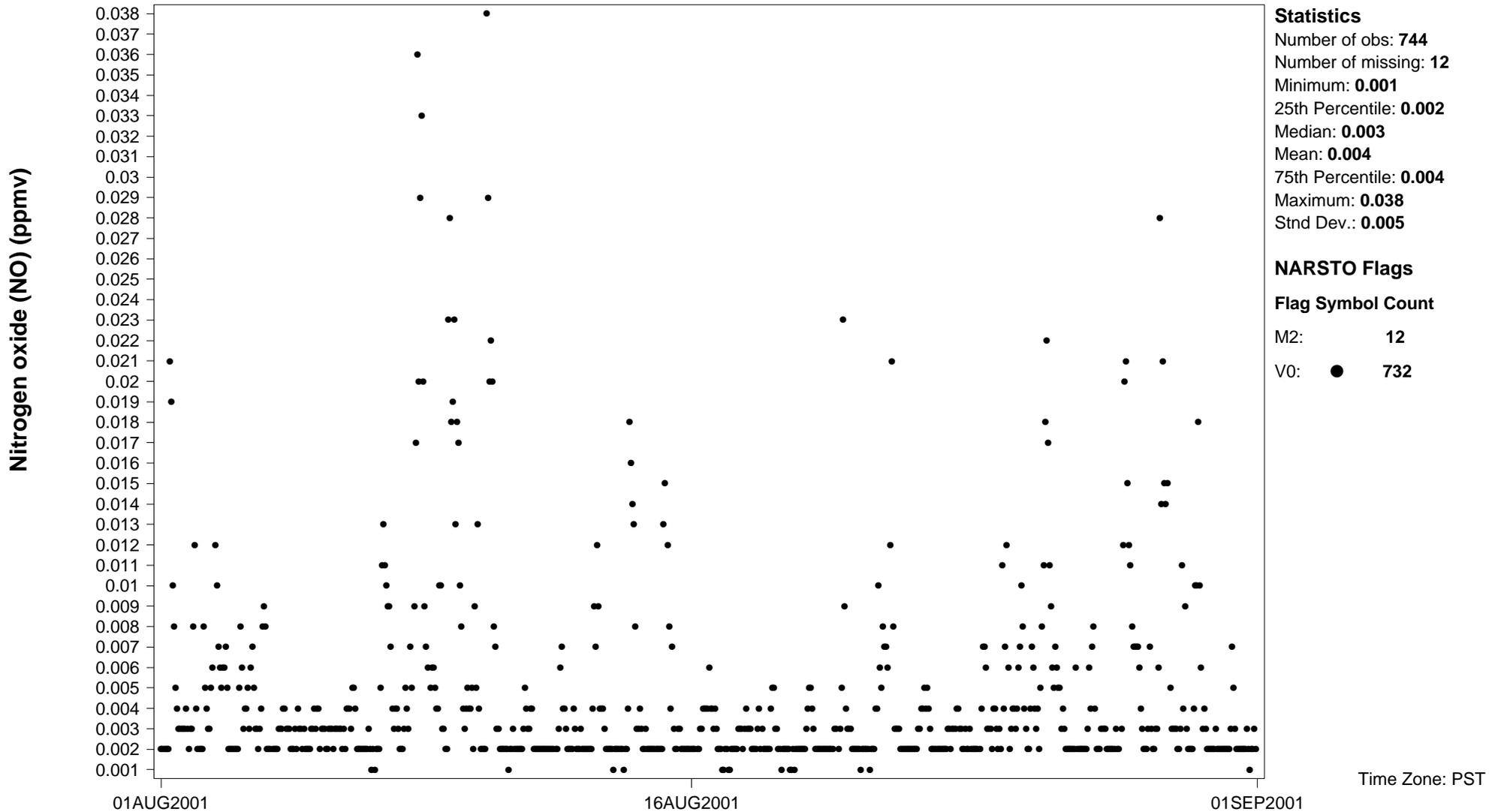


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

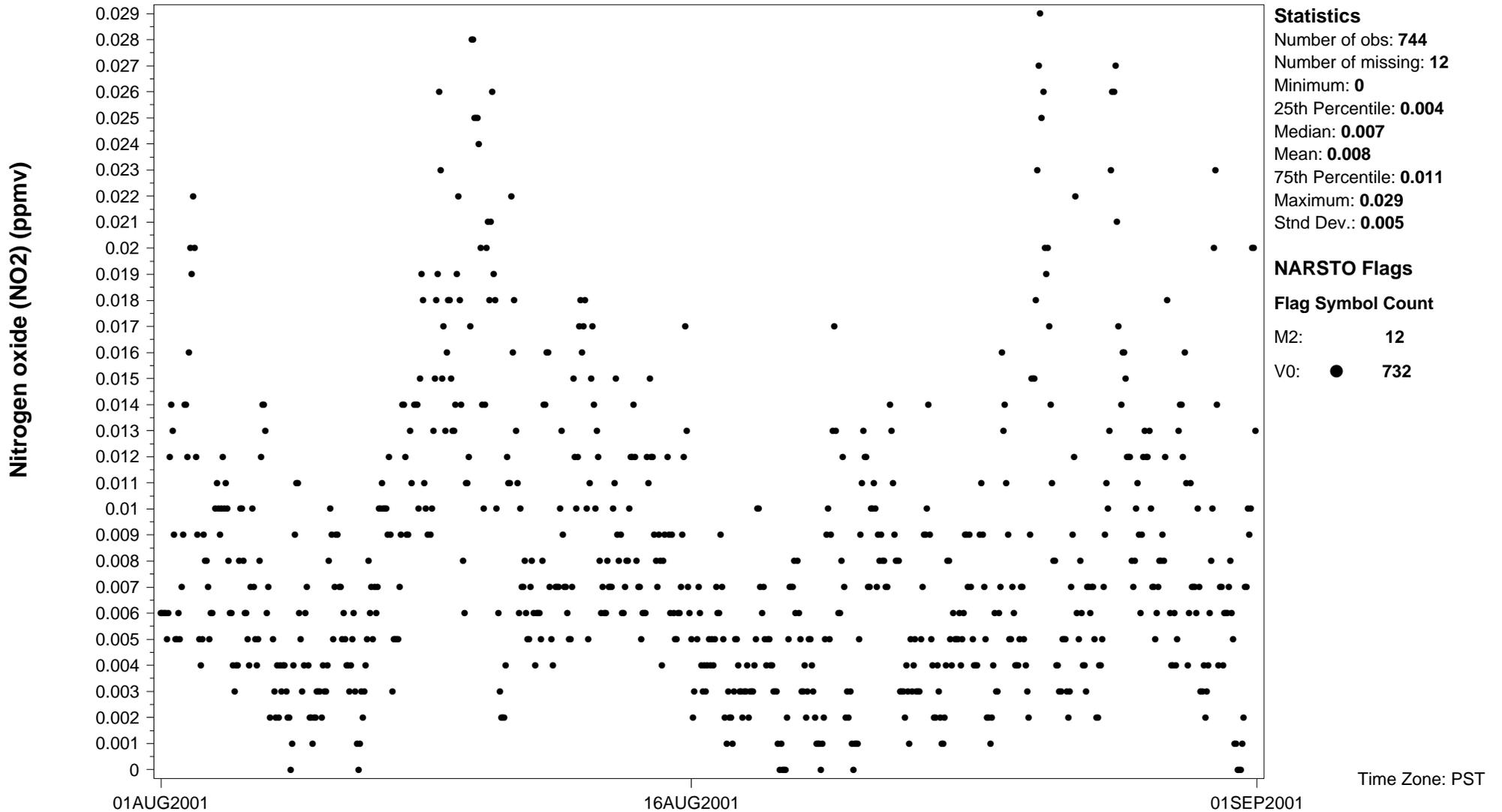


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

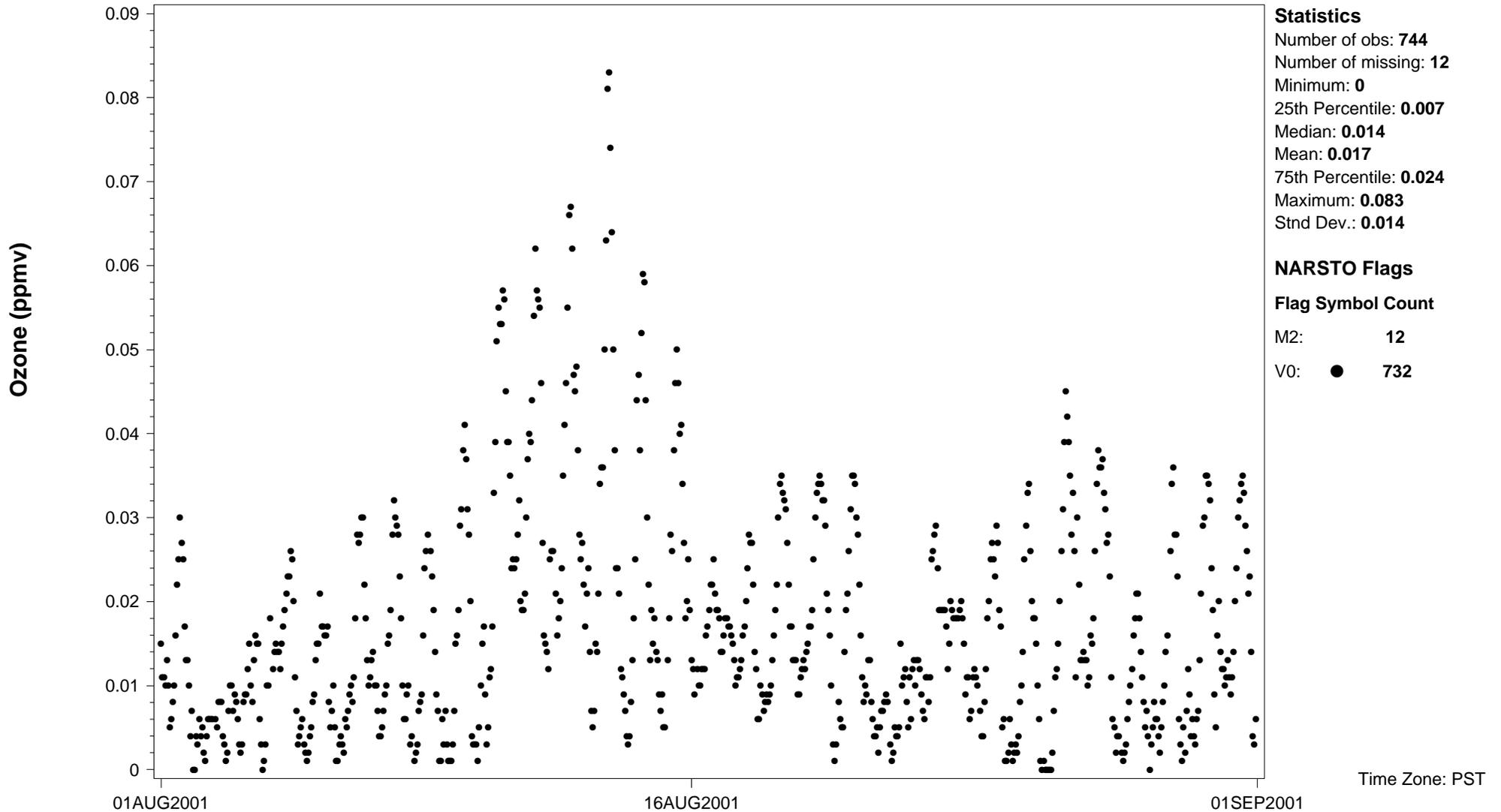


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



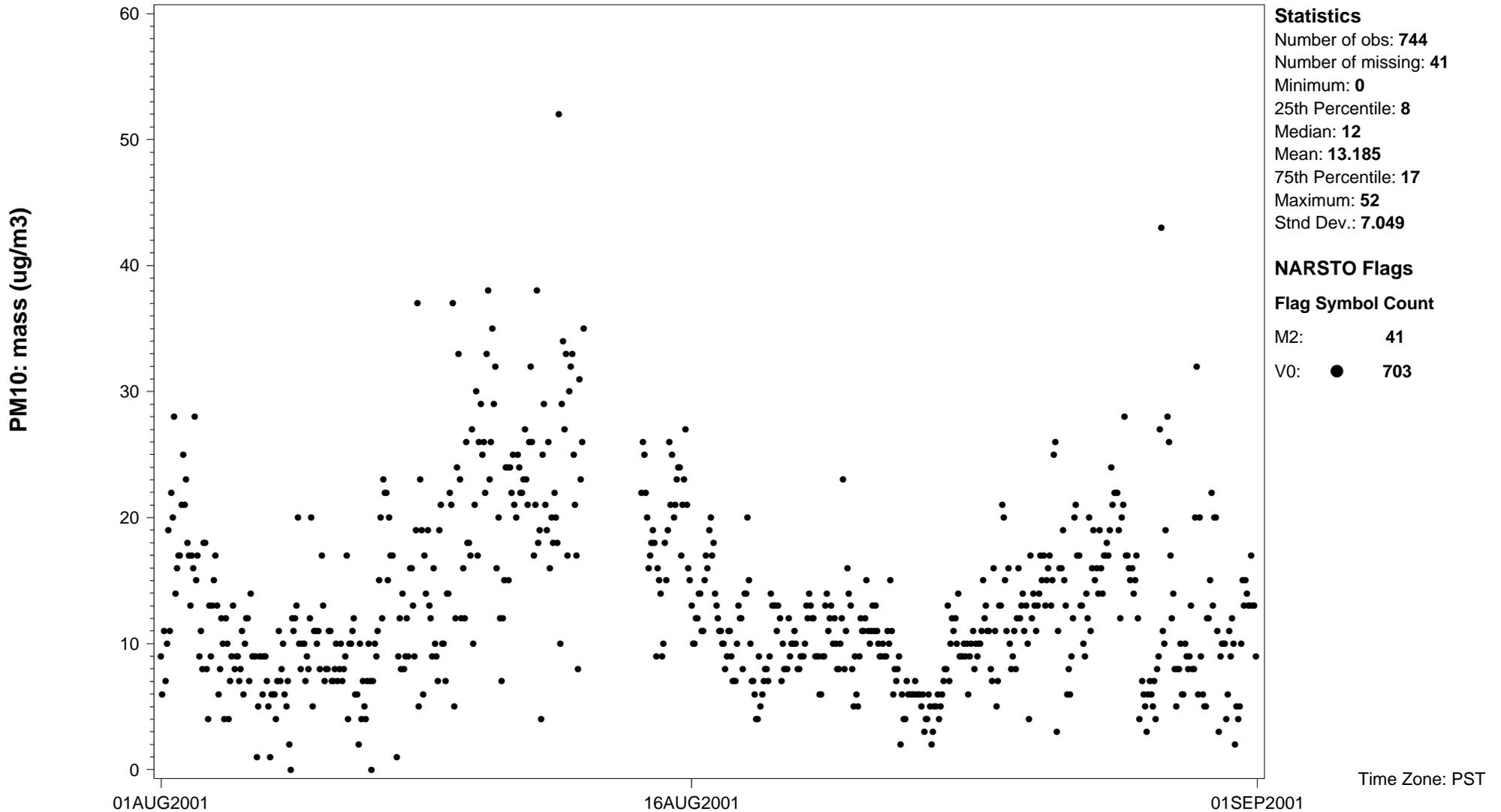
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

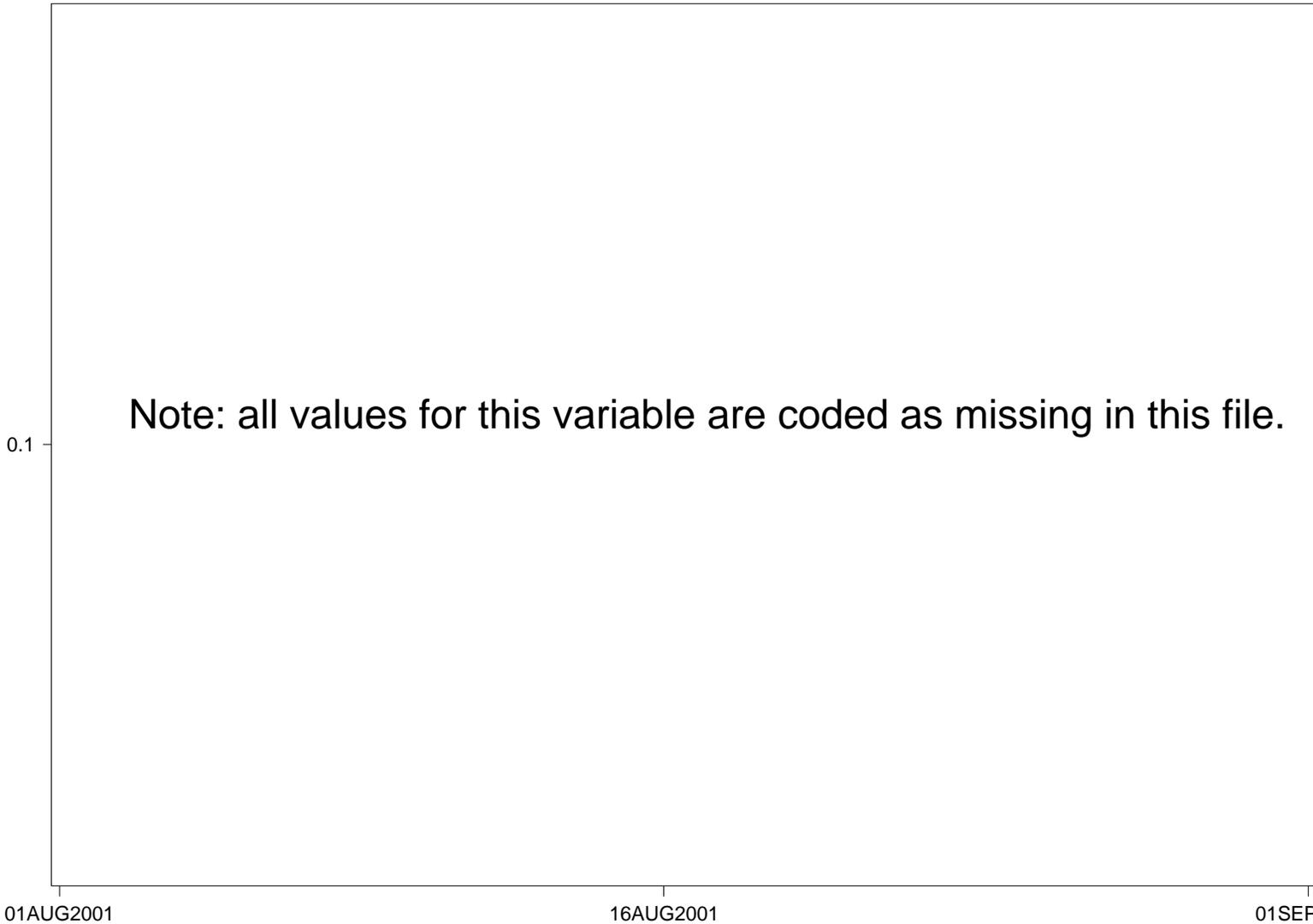


Site ID: **PC01CABCT015** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

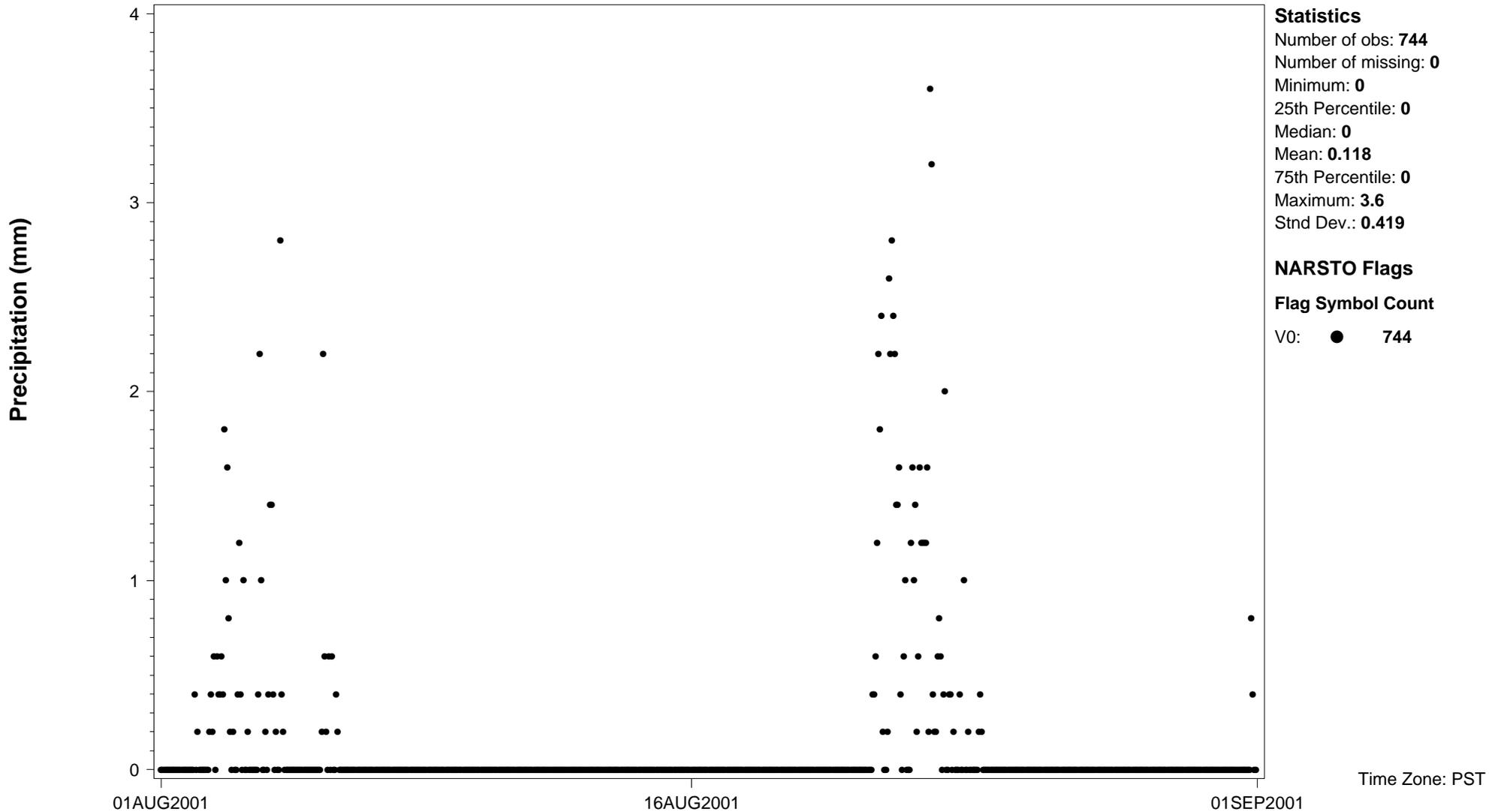
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

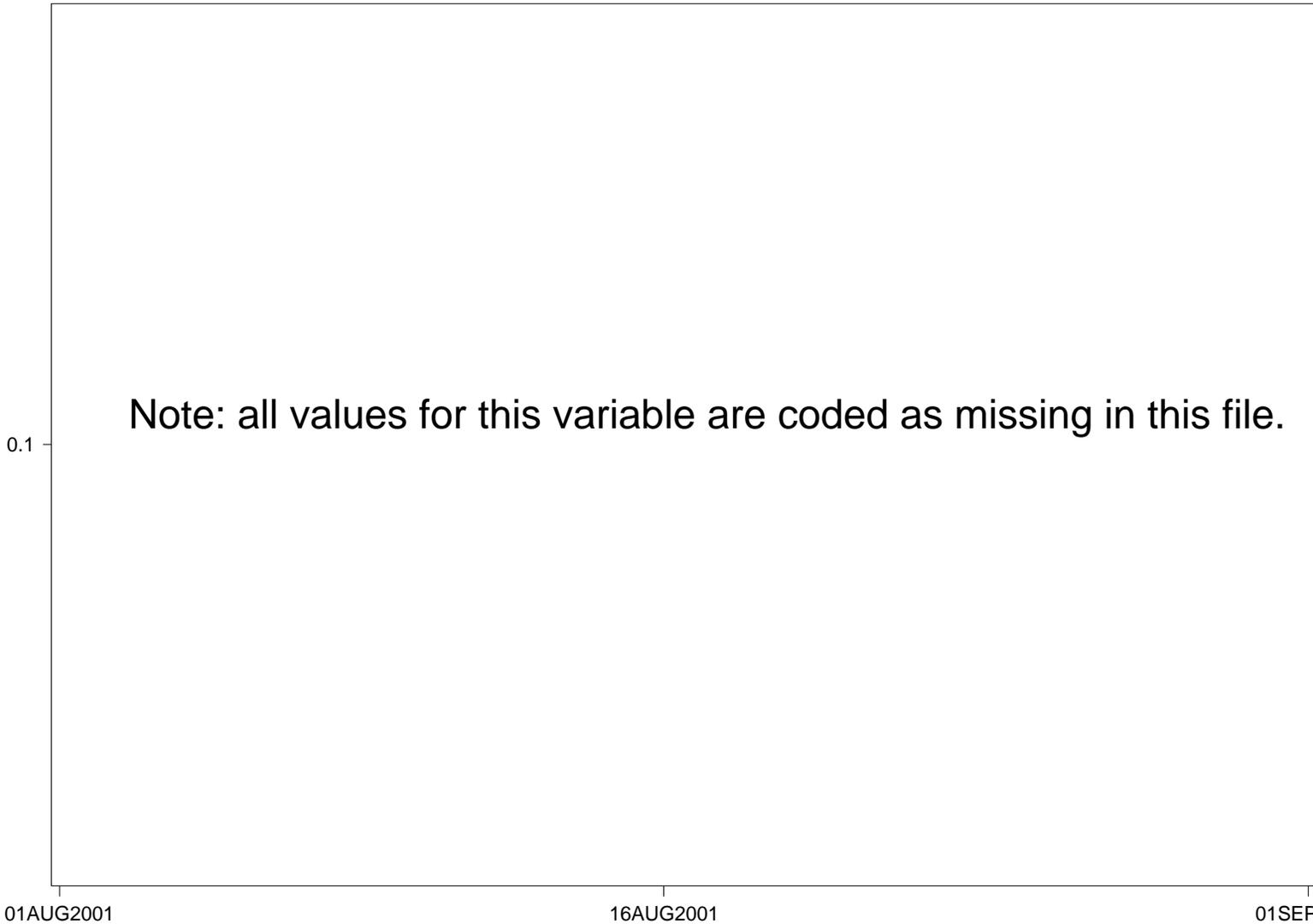
Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT015** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

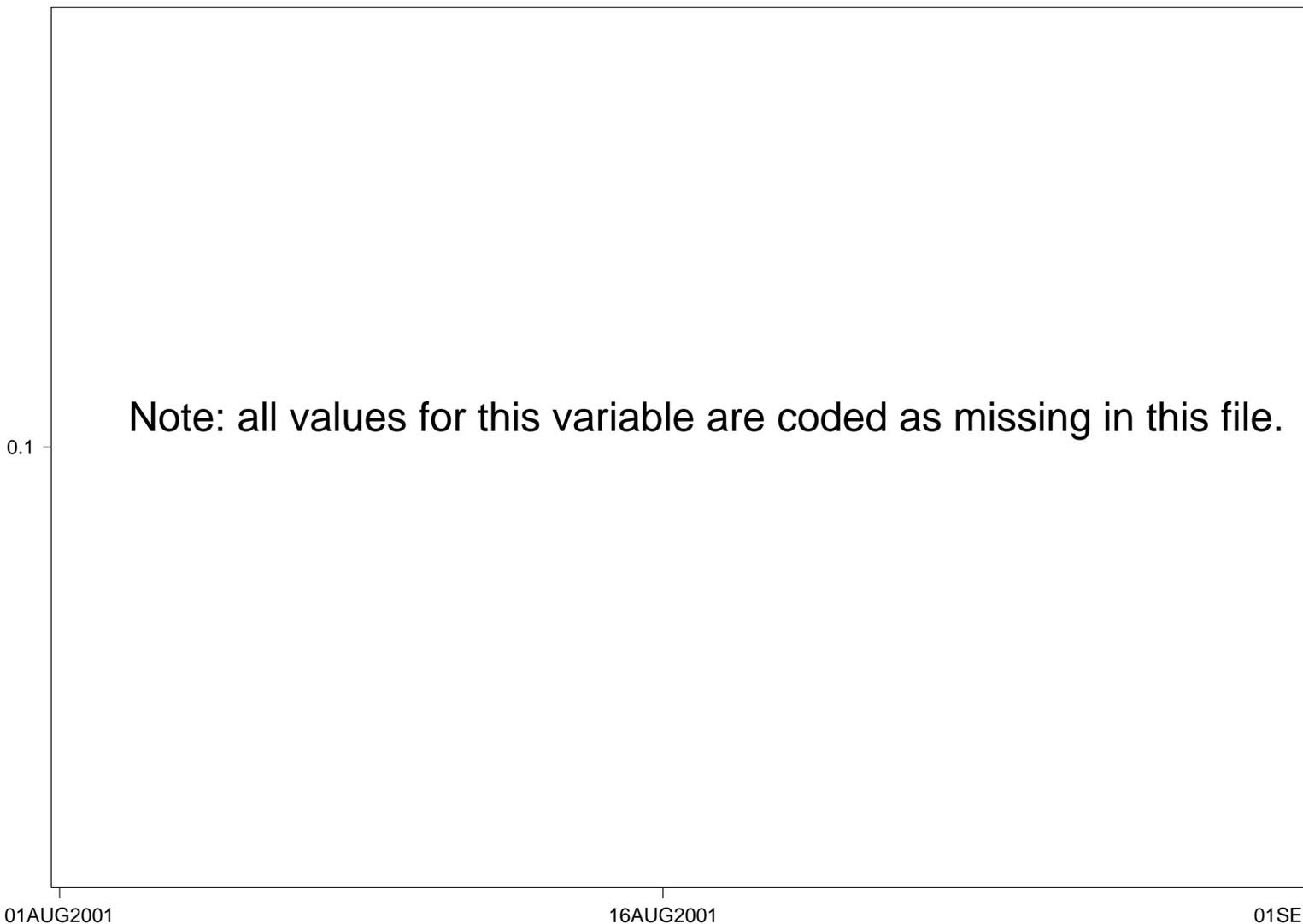
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

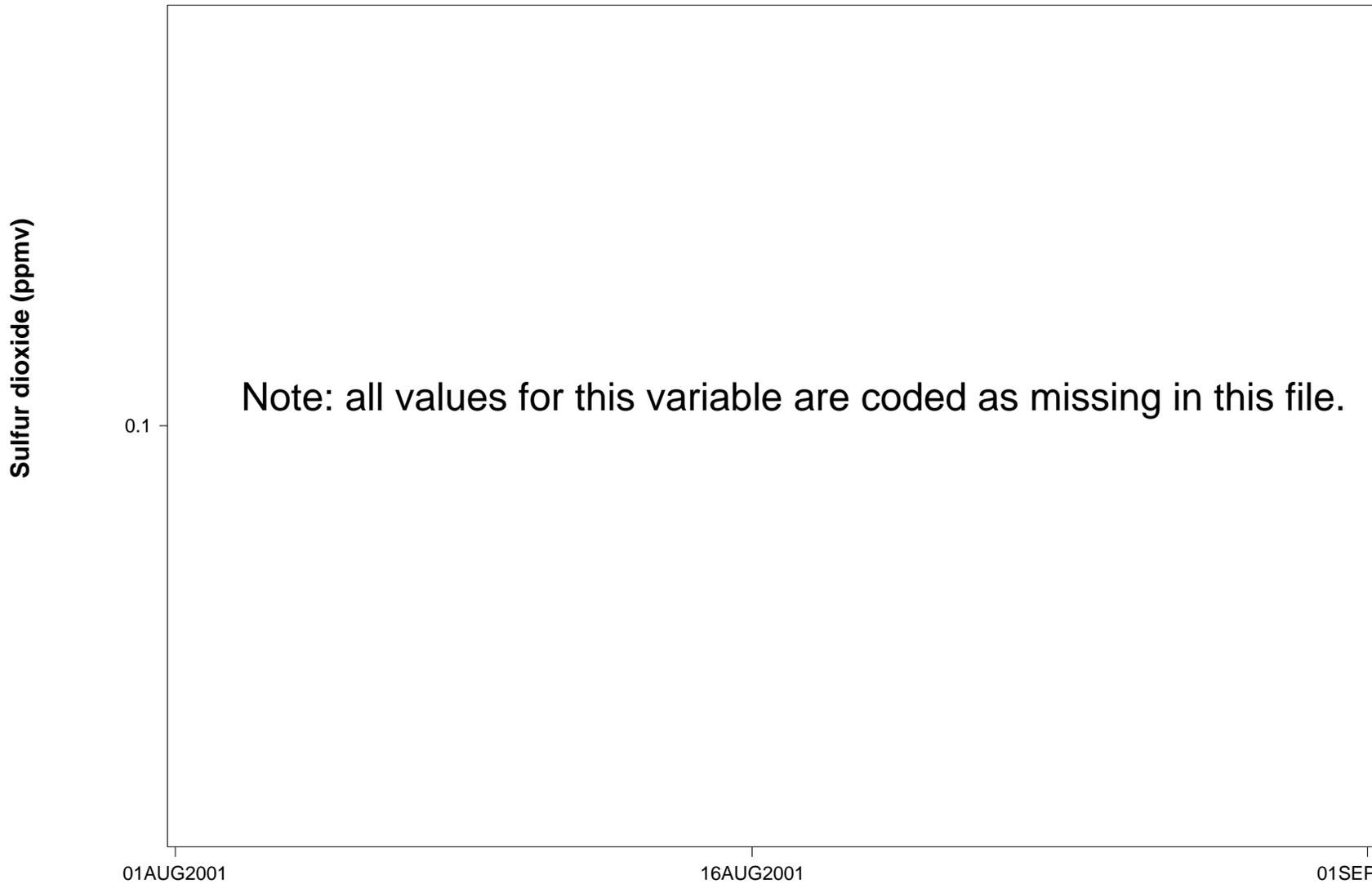
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

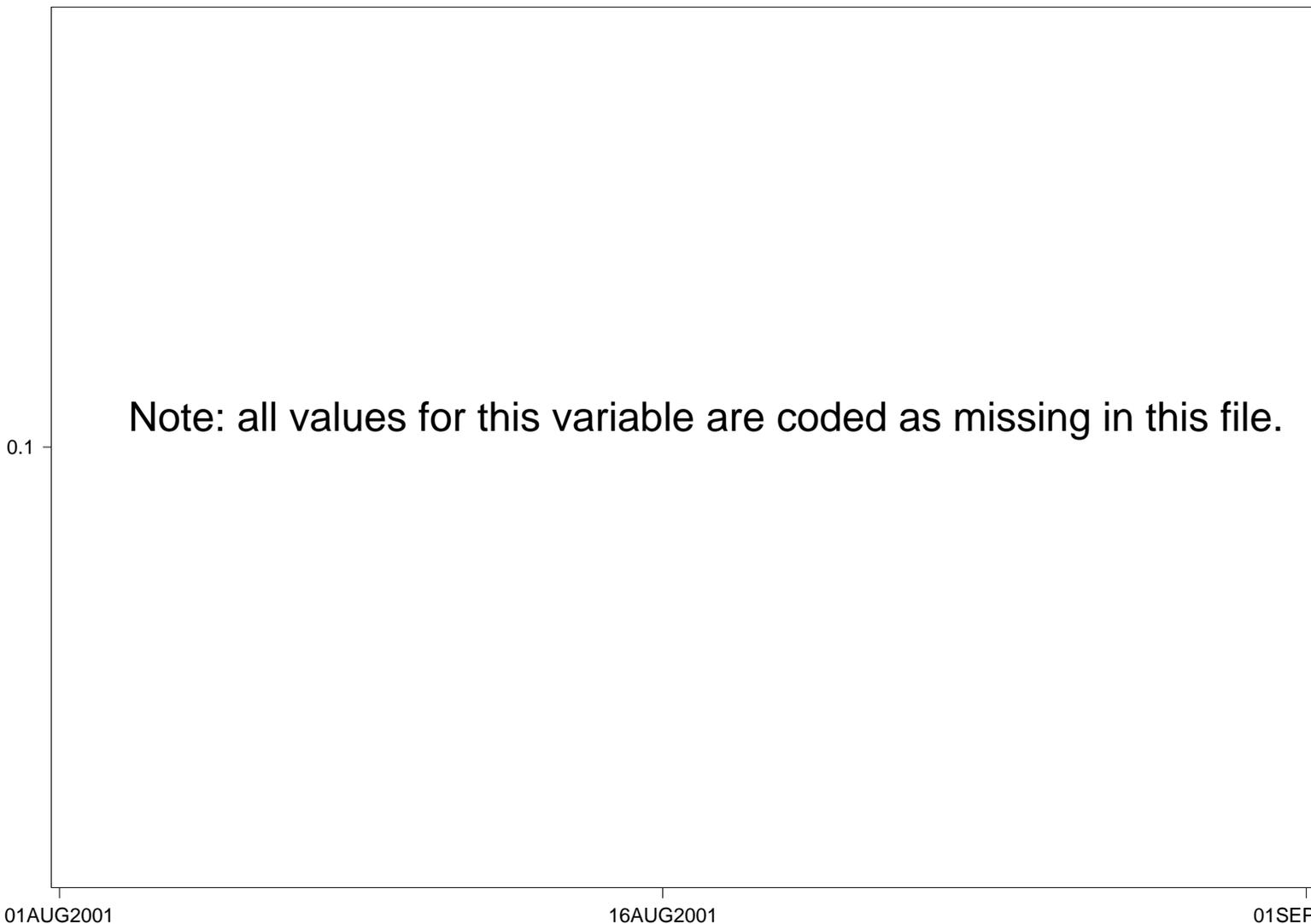
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

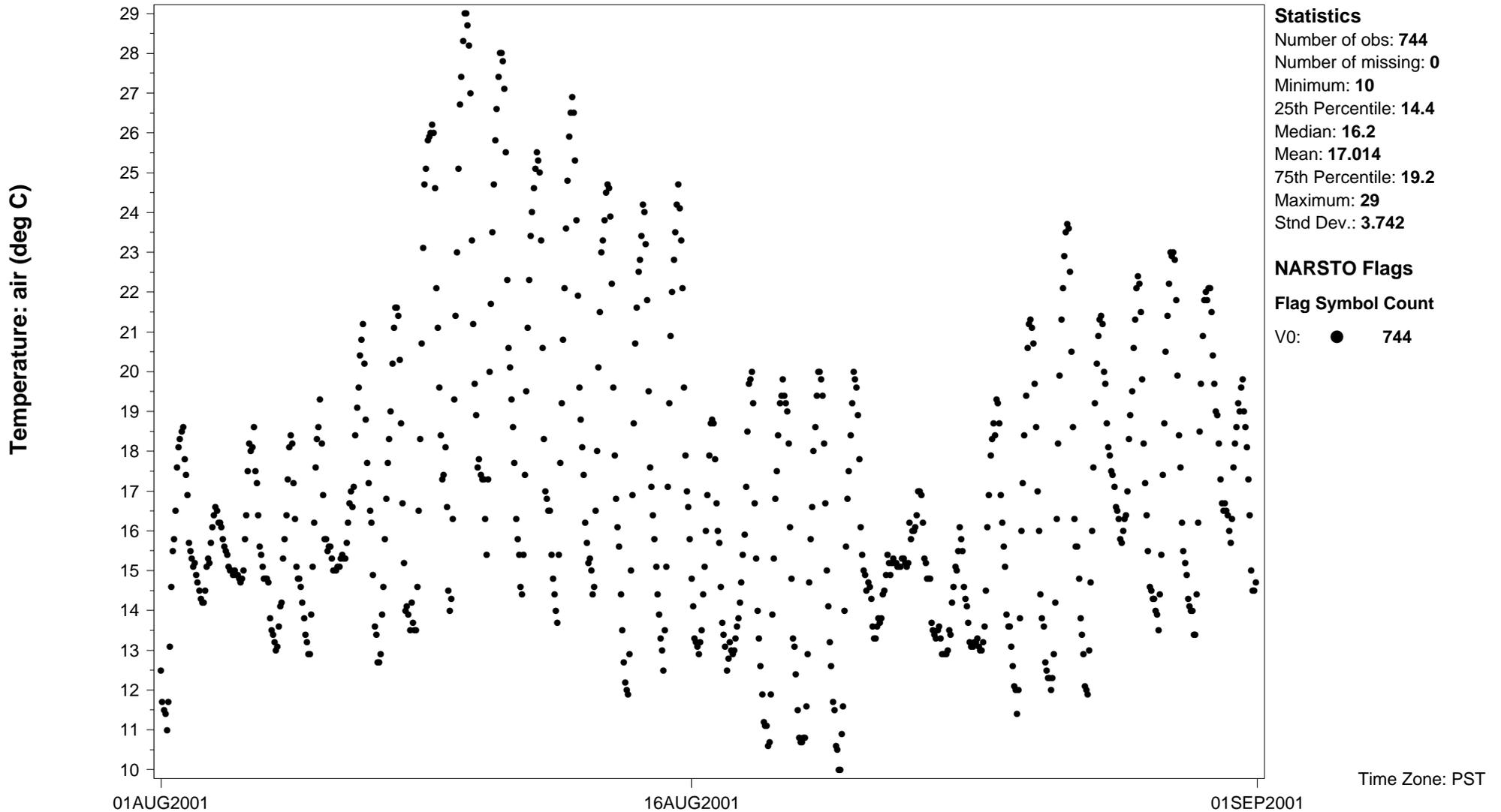
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT015** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

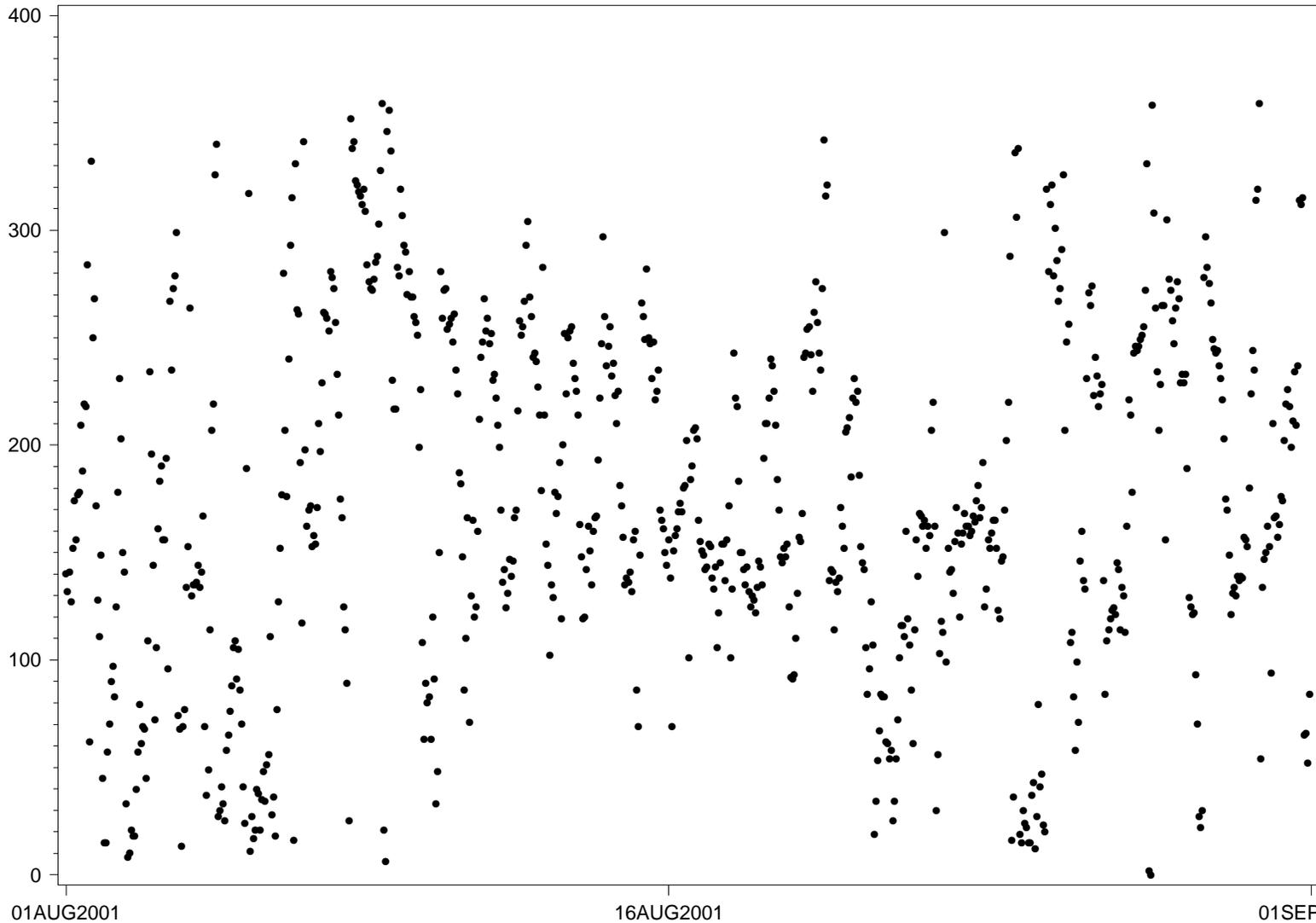


Site ID: **PC01CABCT015** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **121**  
 Median: **162.5**  
 Mean: **172.237**  
 75th Percentile: **237**  
 Maximum: **359**  
 Stnd Dev.: **82.307**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

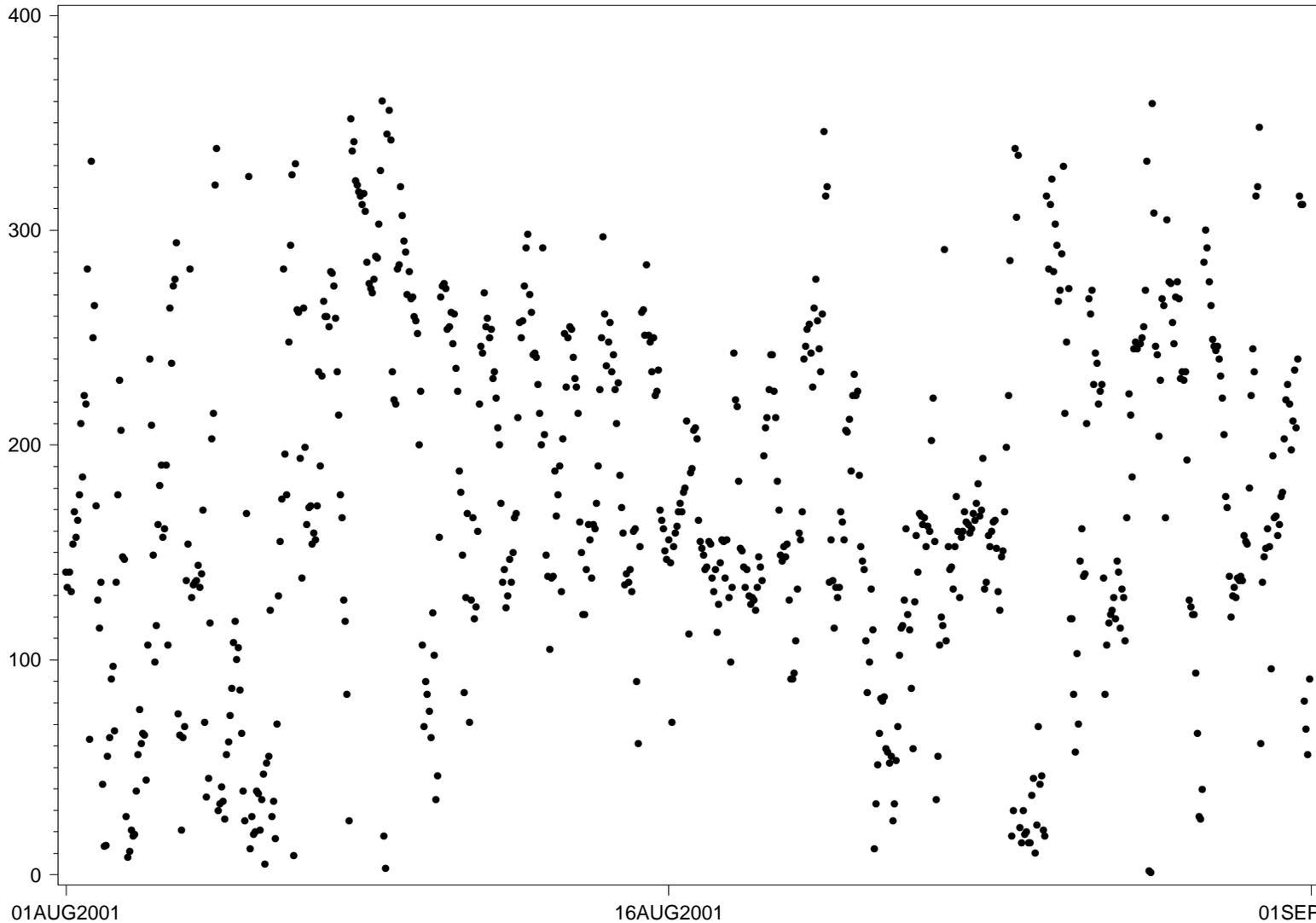
Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **124.5**  
 Median: **164**  
 Mean: **172.906**  
 75th Percentile: **240.5**  
 Maximum: **360**  
 Stnd Dev.: **82.358**

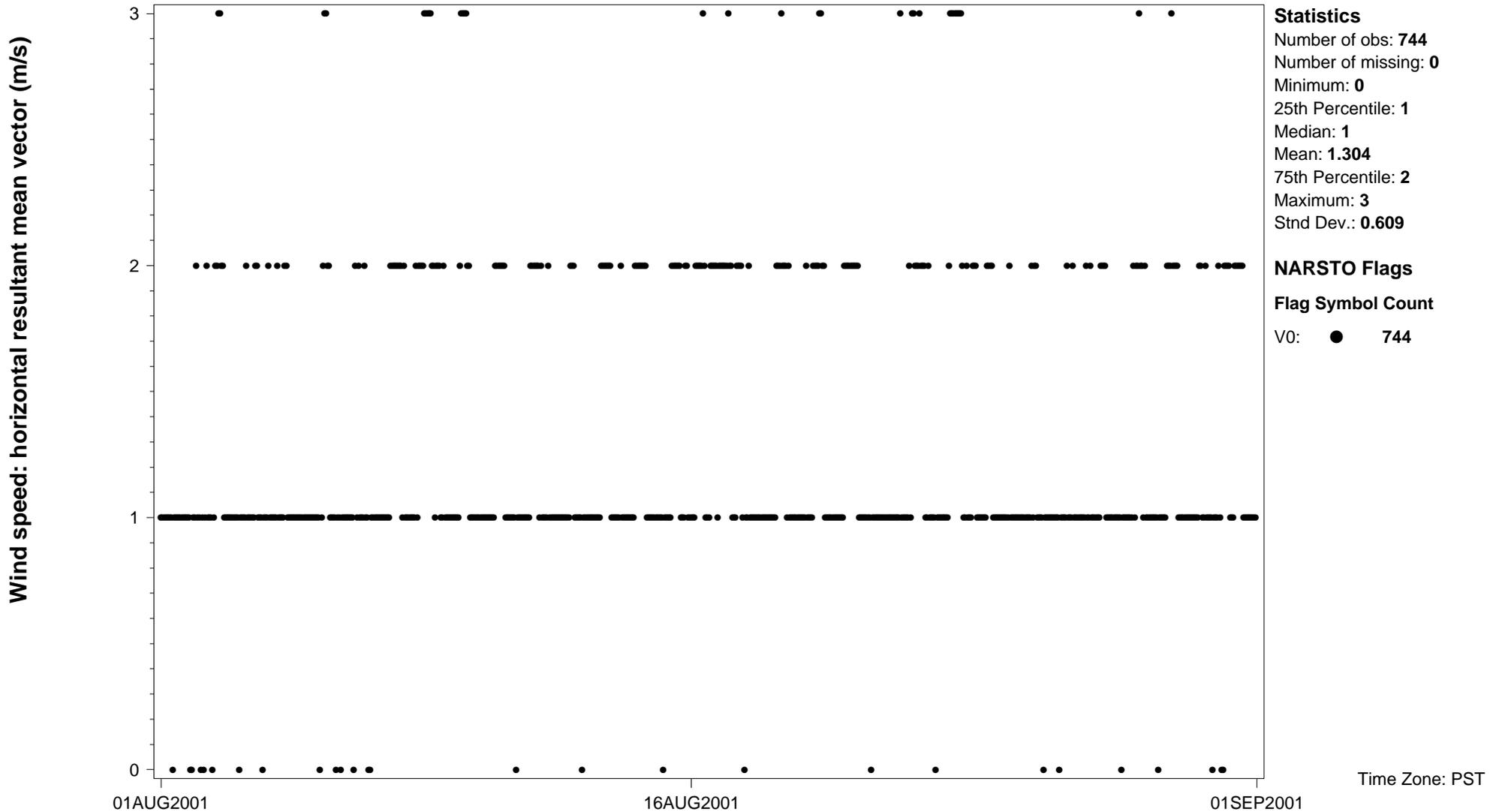
**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

Site ID: **PC01CABCT015** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

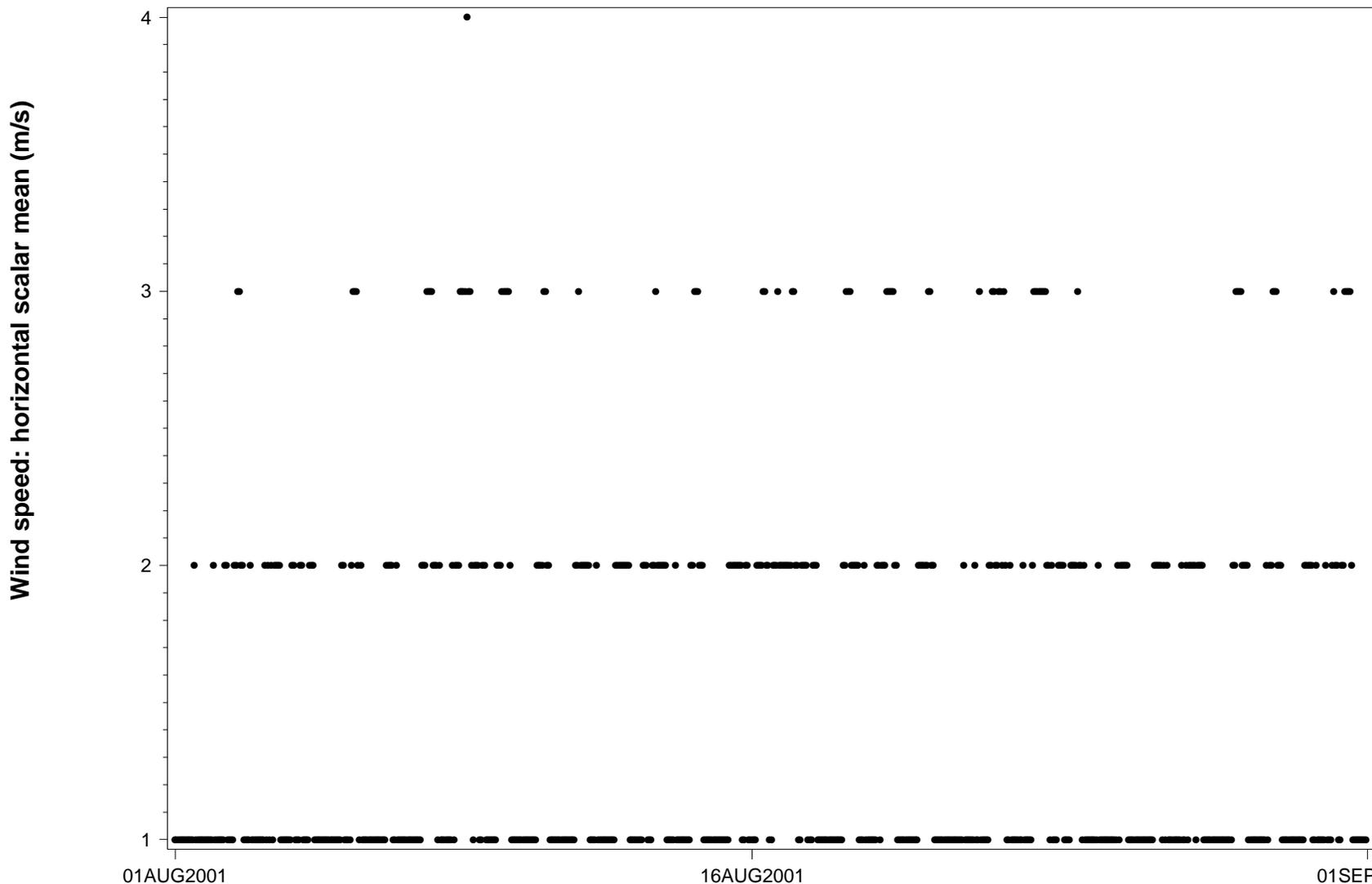
Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT015** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SURREY EAST - 19000 BLOCK, 72ND AVENUE - SURREY, British Columbia** Latitude: **49.13277778 deg.** Longitude: **-122.6933333 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **1**  
 Median: **1**  
 Mean: **1.496**  
 75th Percentile: **2**  
 Maximum: **4**  
 Stnd Dev.: **0.666**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

Time Zone: PST

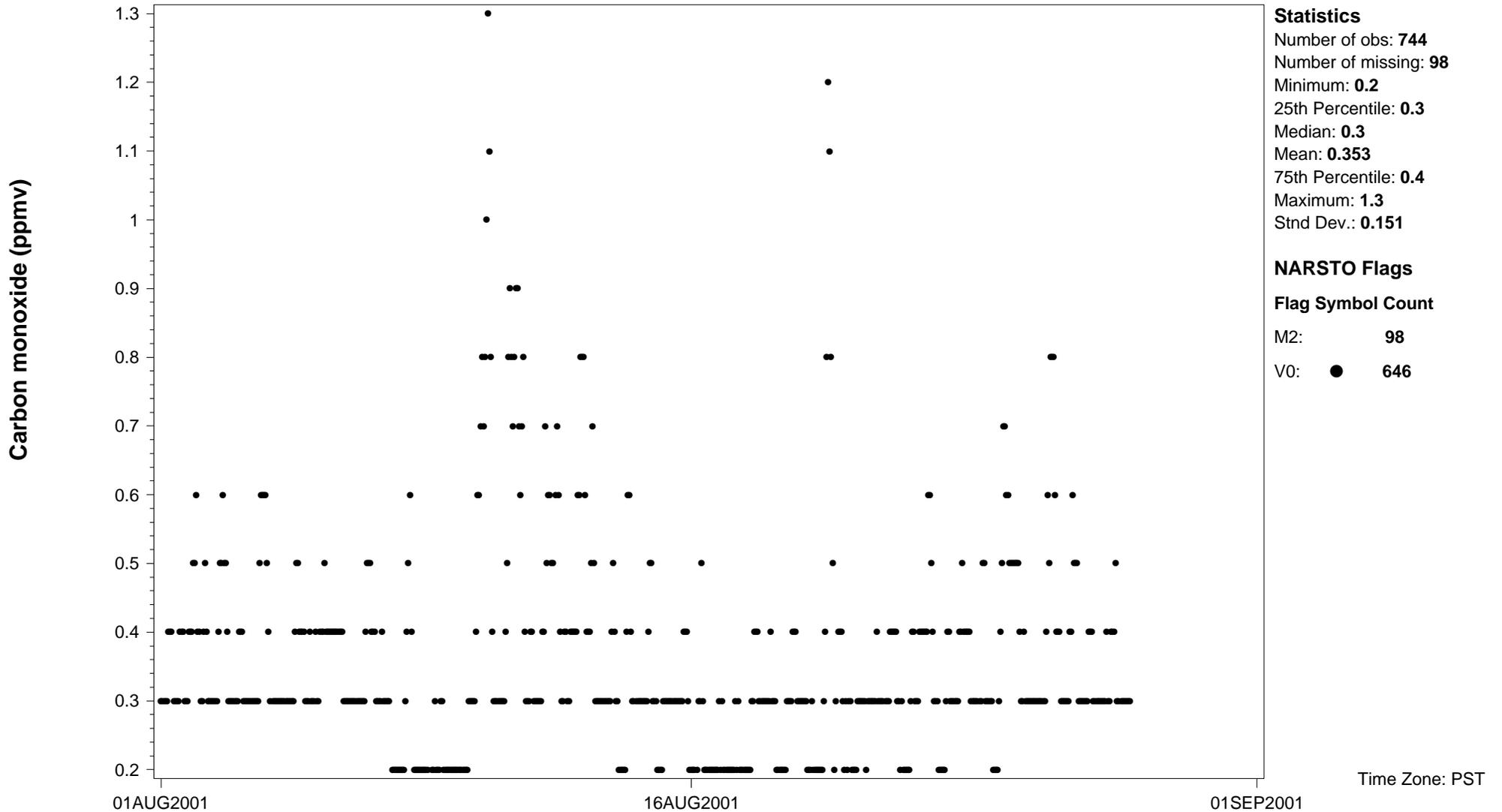
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

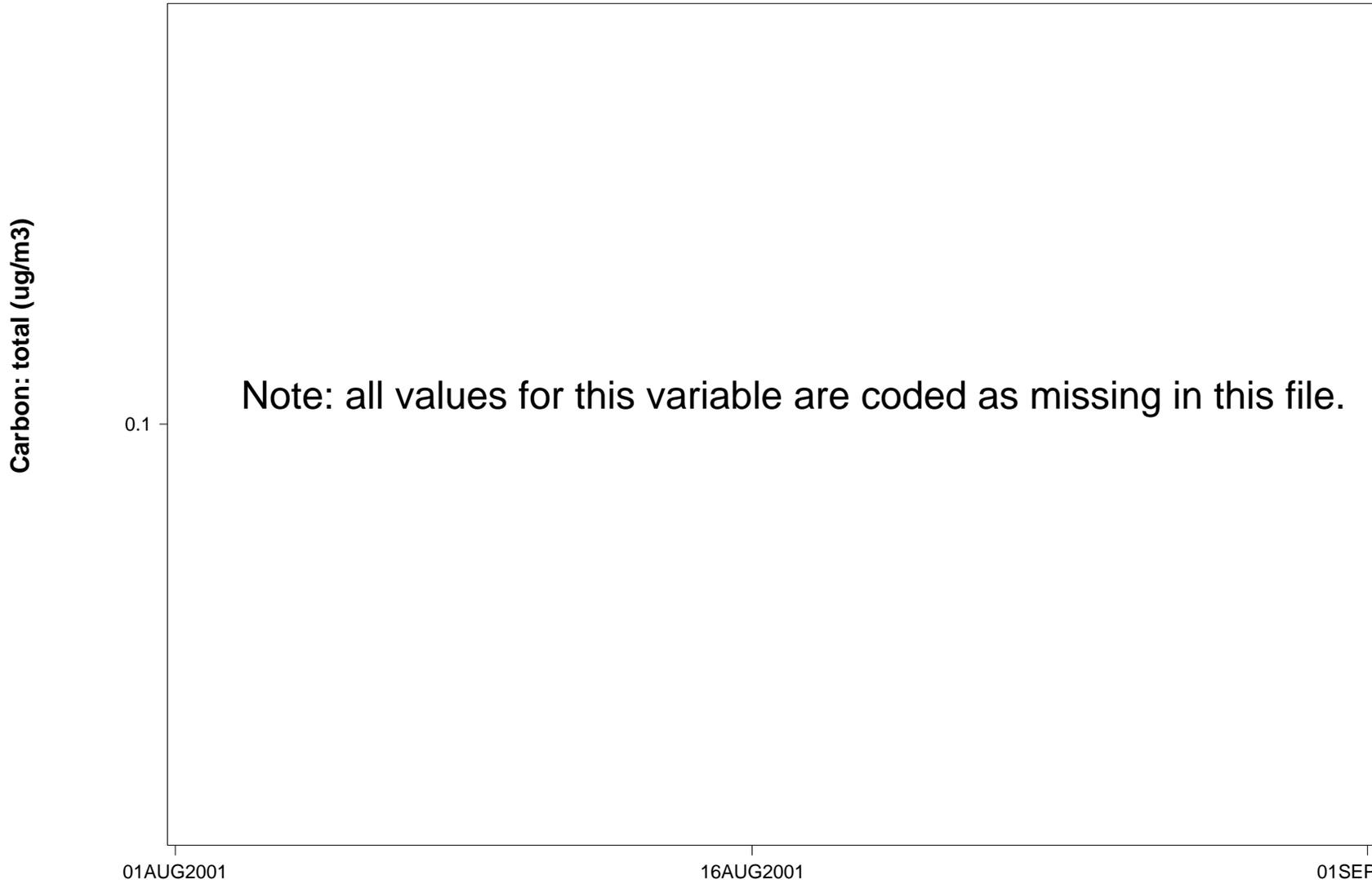
Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



Site ID: **PC01CABCT017** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

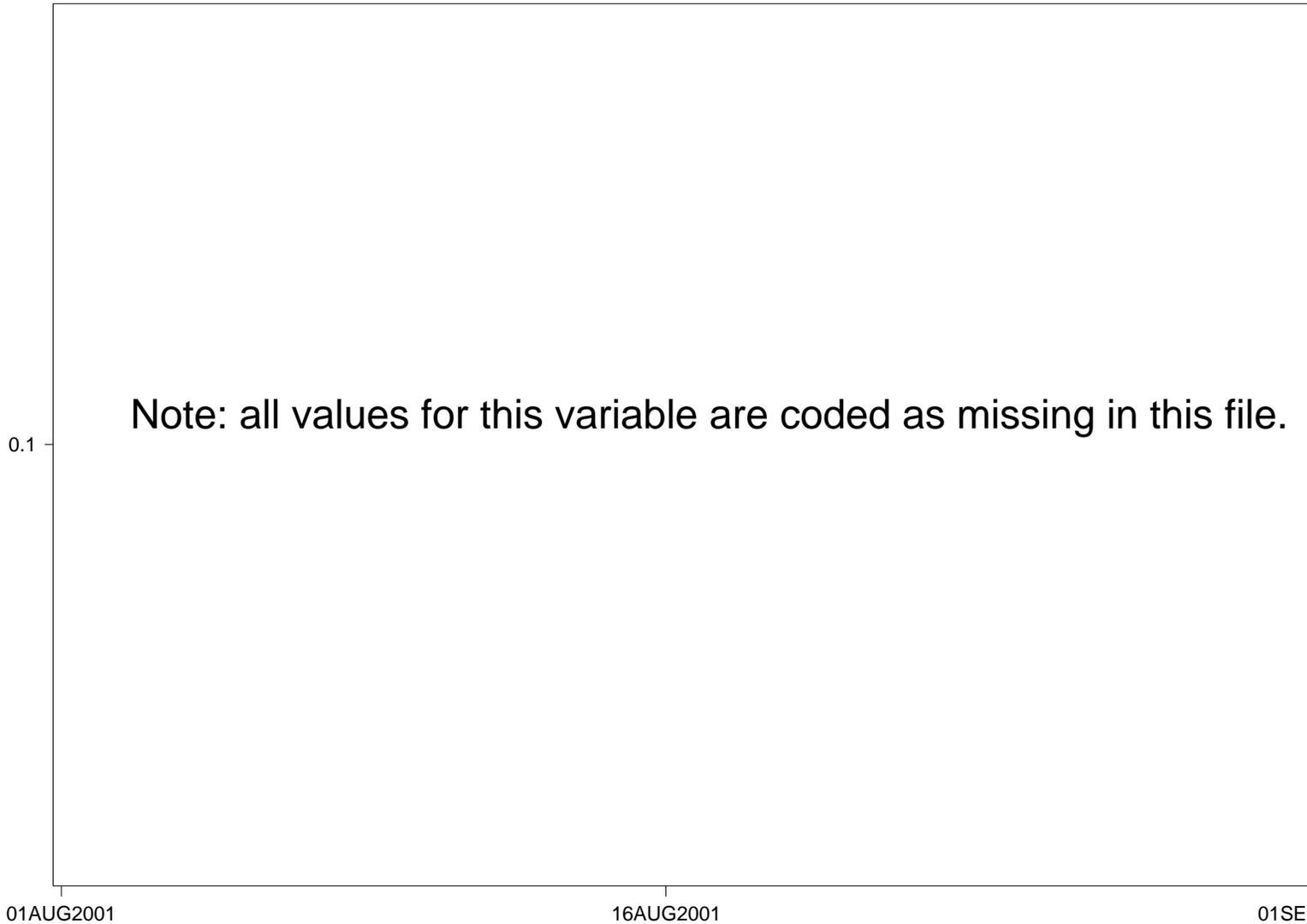
Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

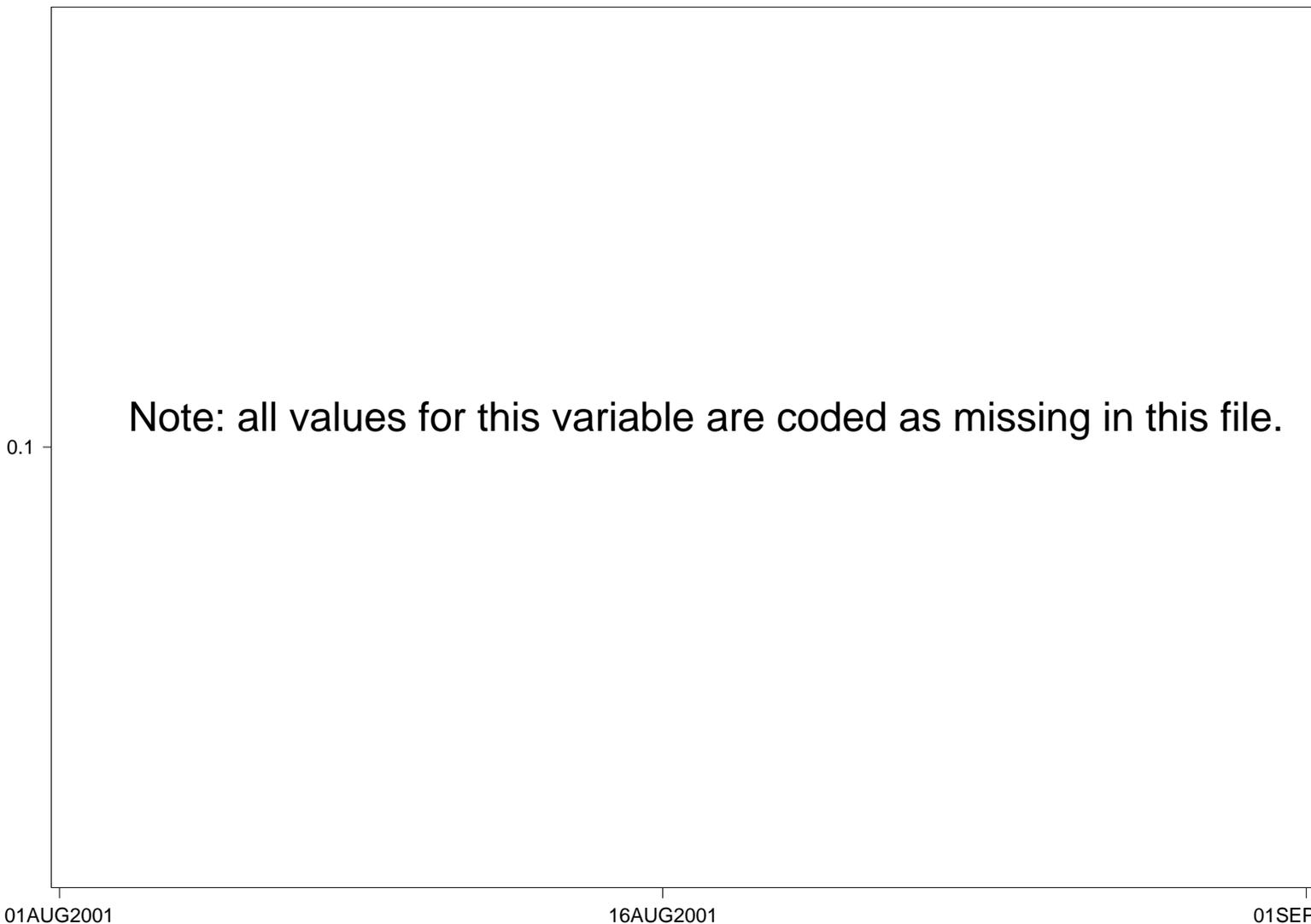
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

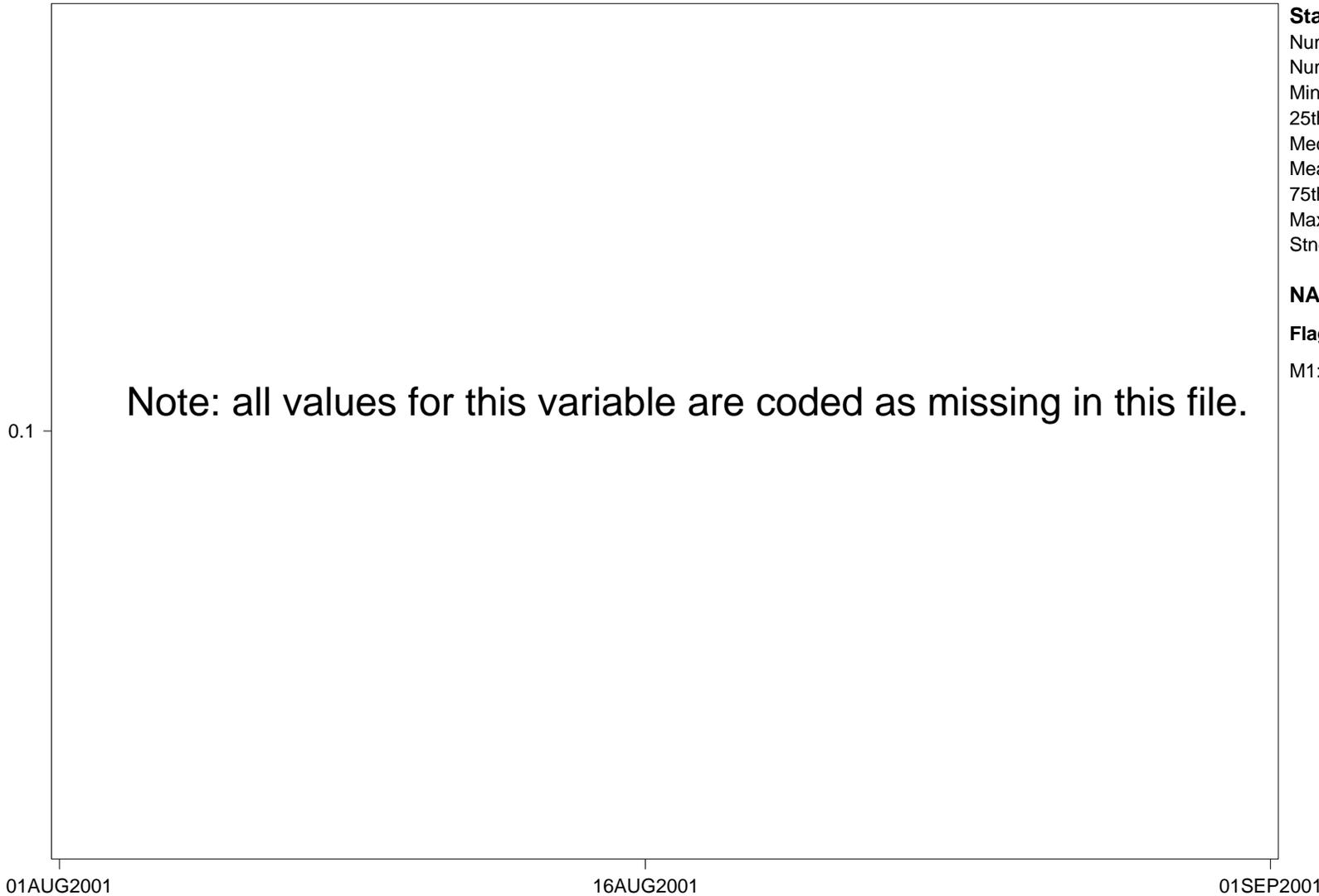
Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

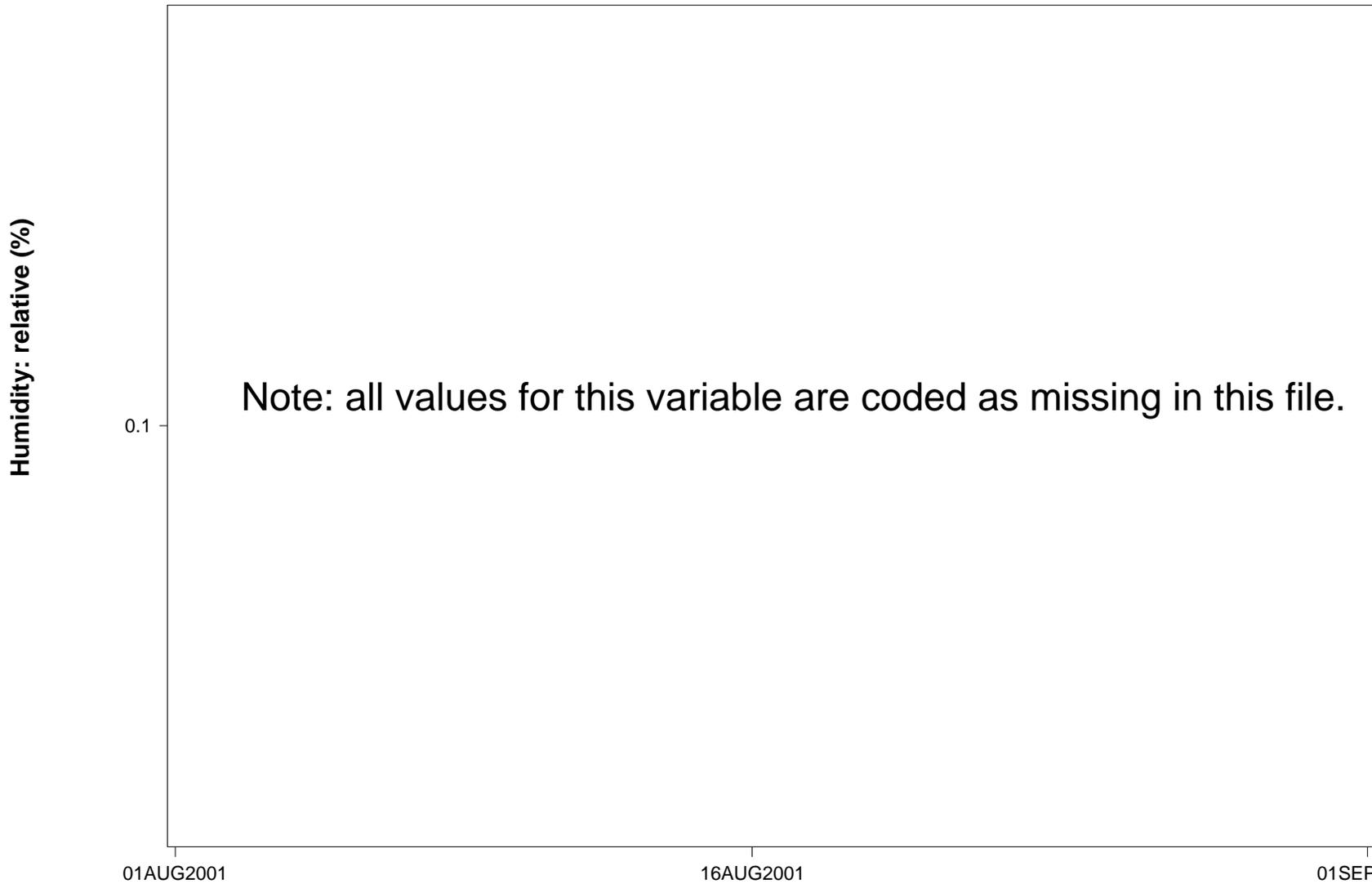
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

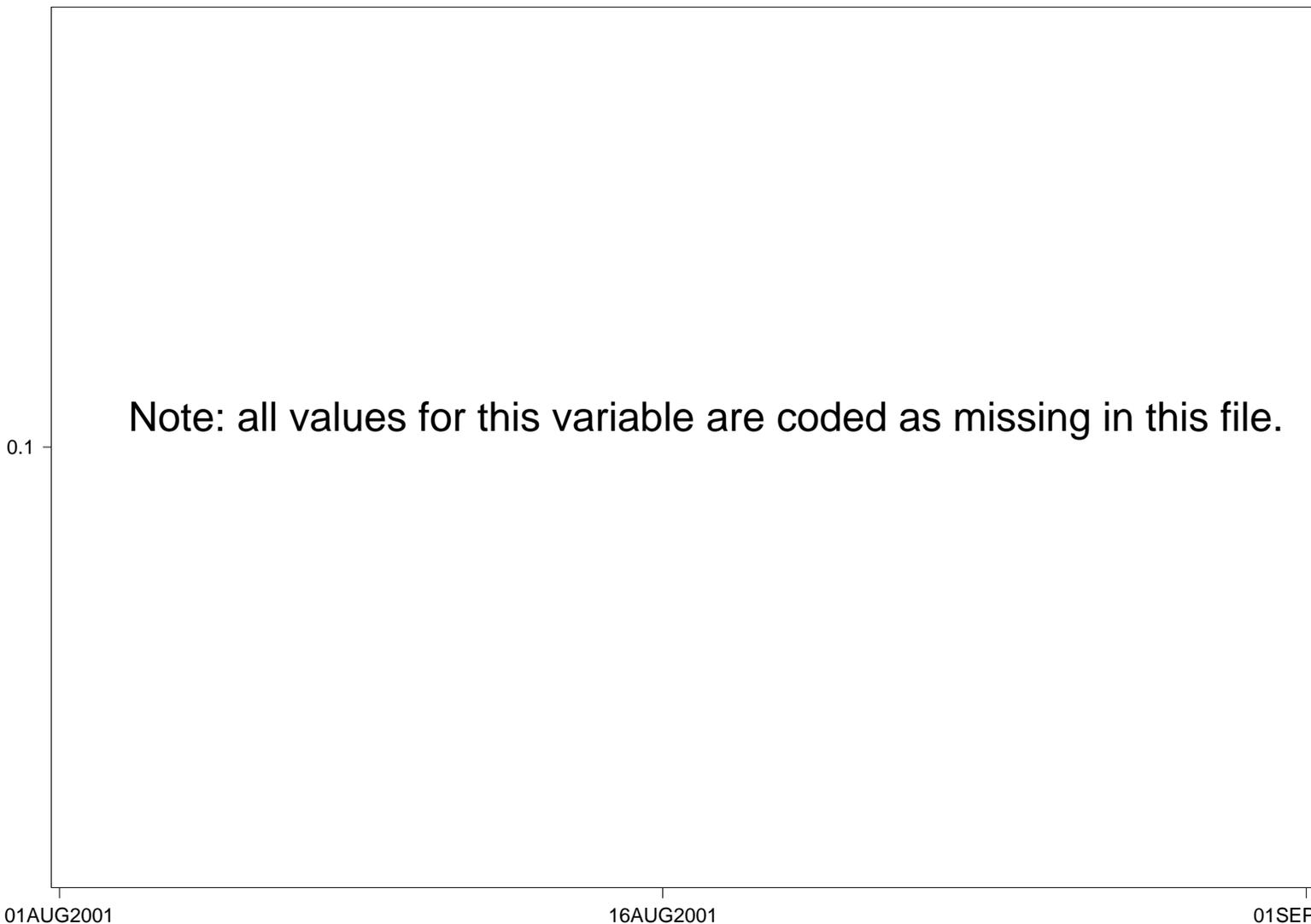
Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

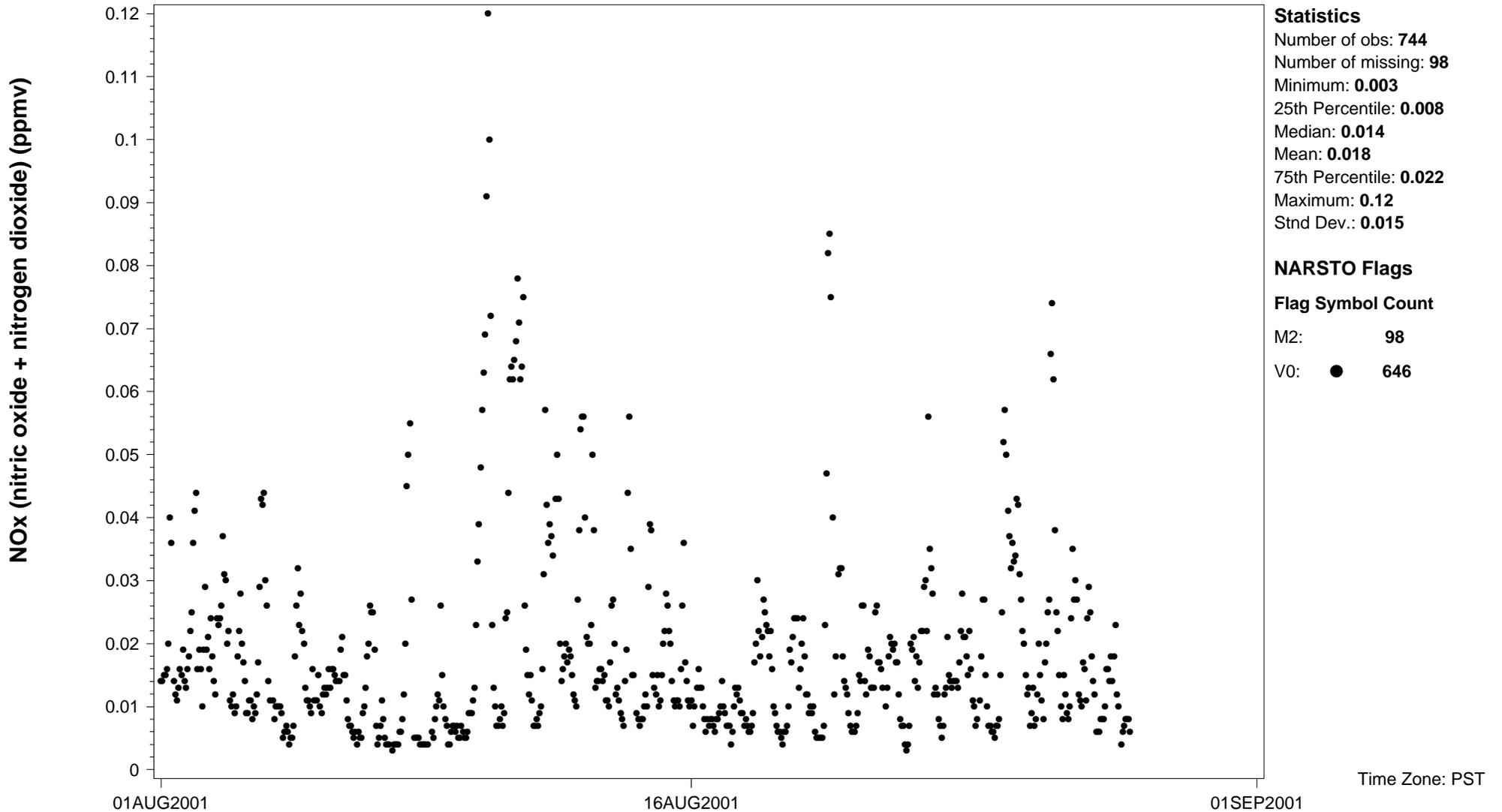
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



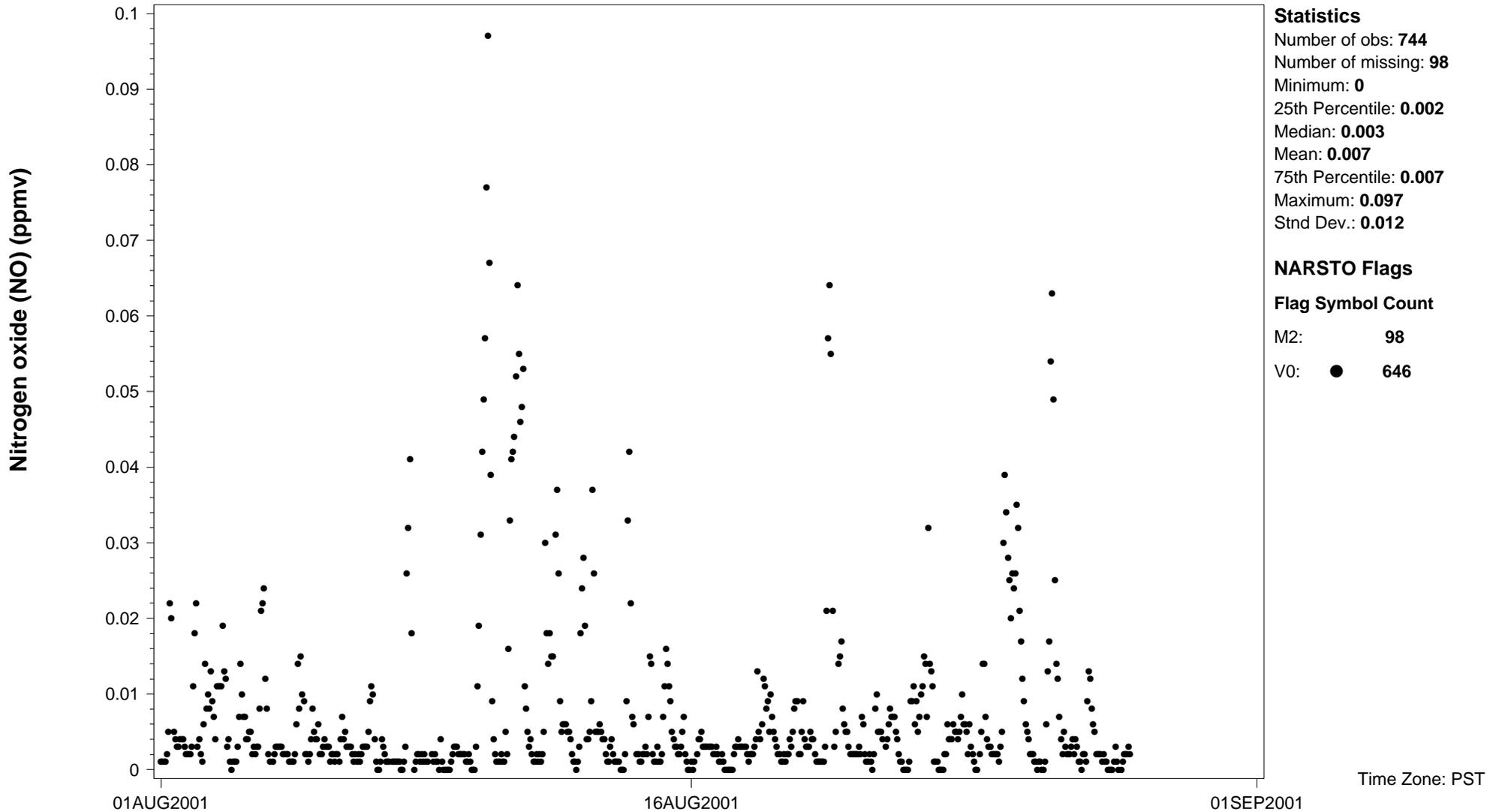
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

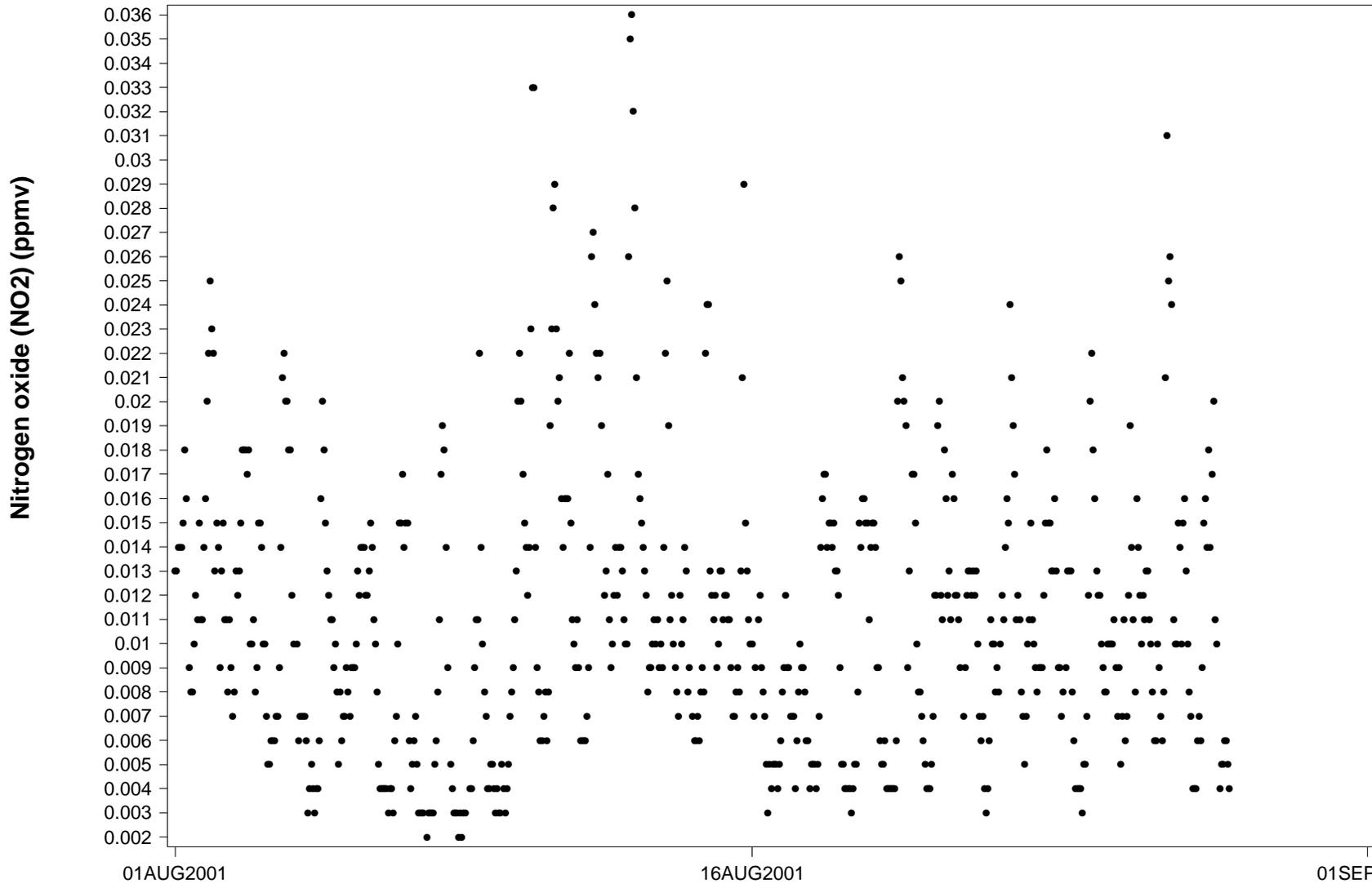


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **98**  
 Minimum: **0.002**  
 25th Percentile: **0.007**  
 Median: **0.01**  
 Mean: **0.011**  
 75th Percentile: **0.014**  
 Maximum: **0.036**  
 Std Dev.: **0.006**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **98**  
 V0: ● **646**

Time Zone: PST

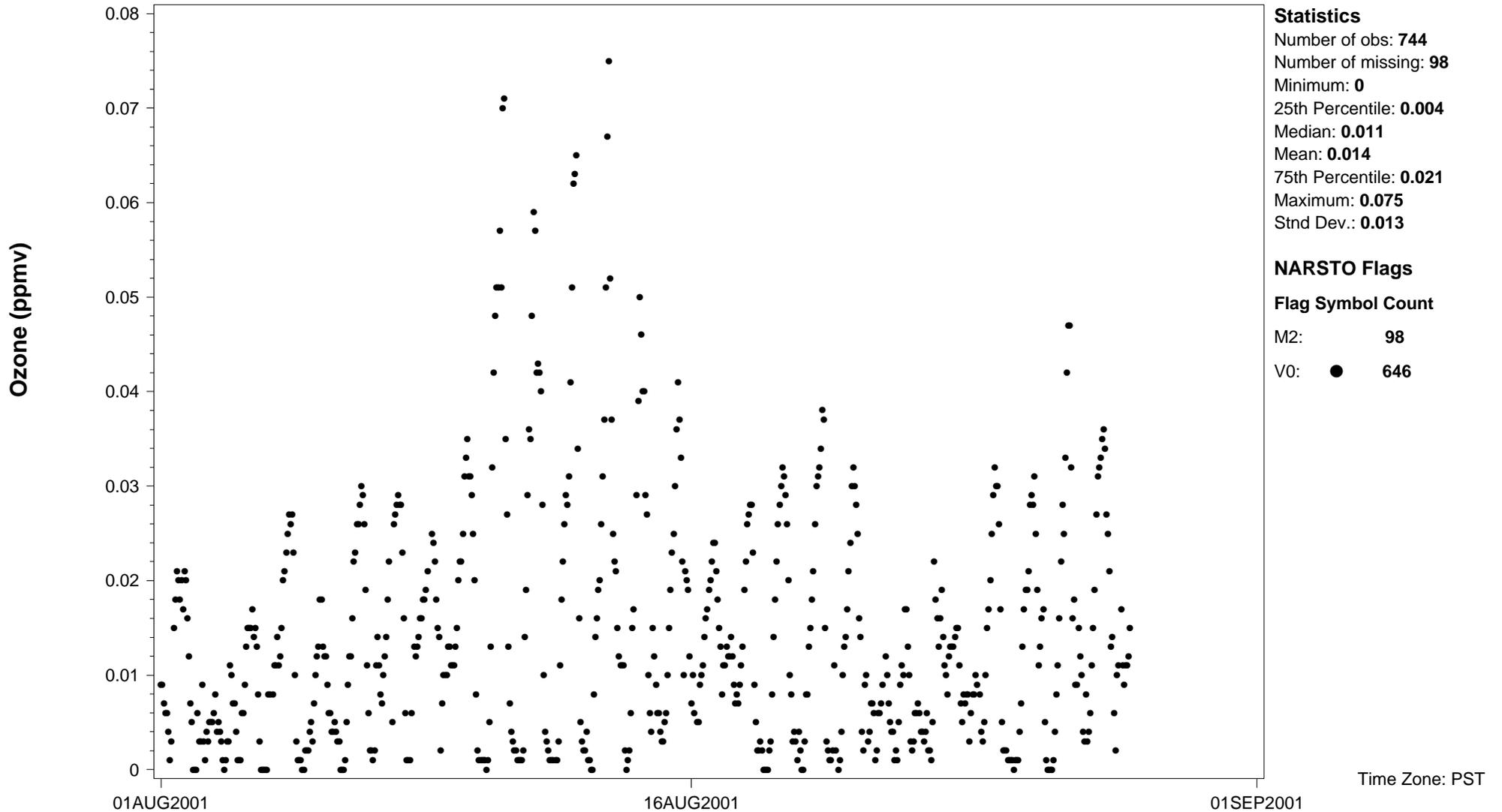
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



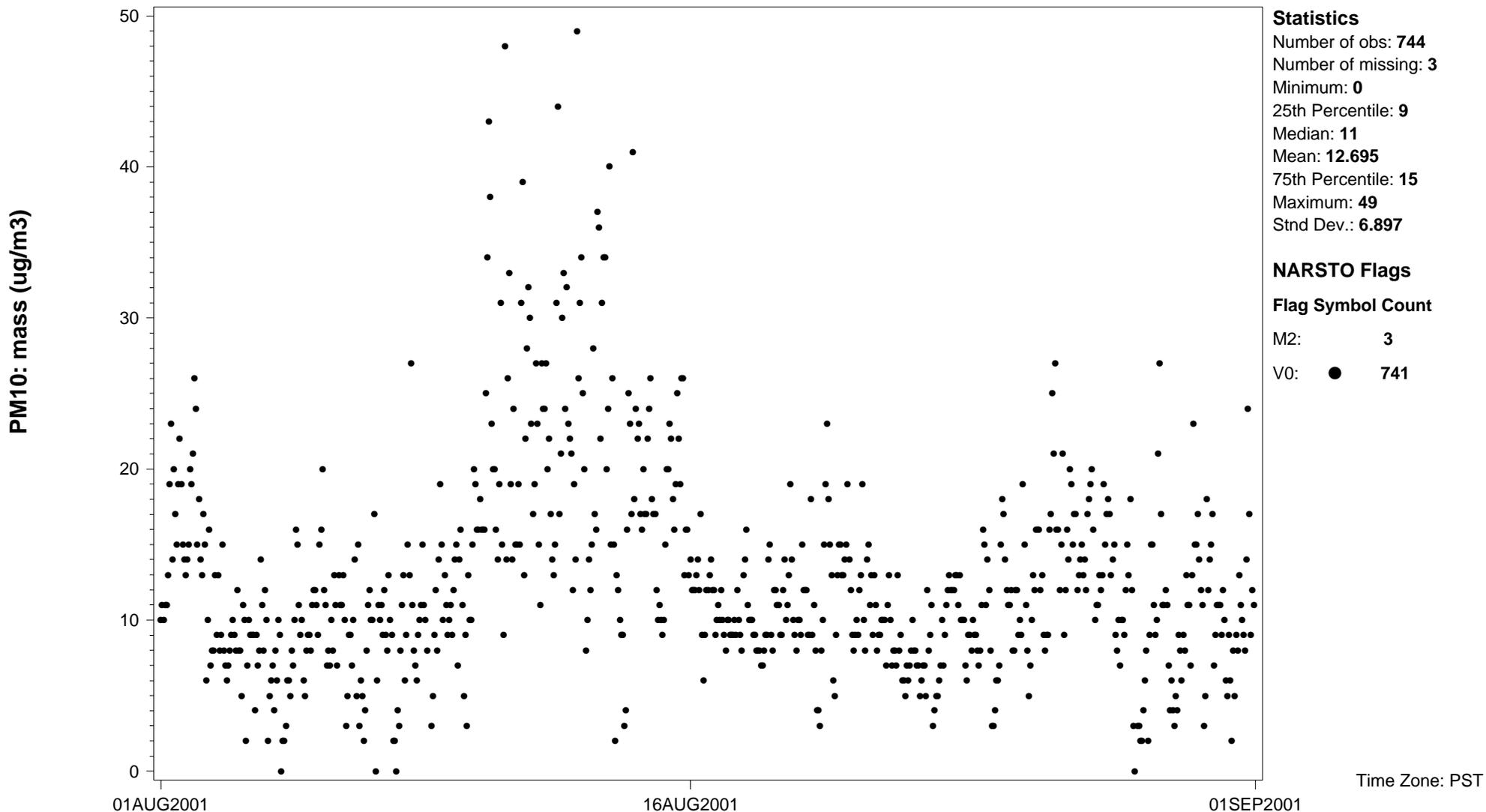
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

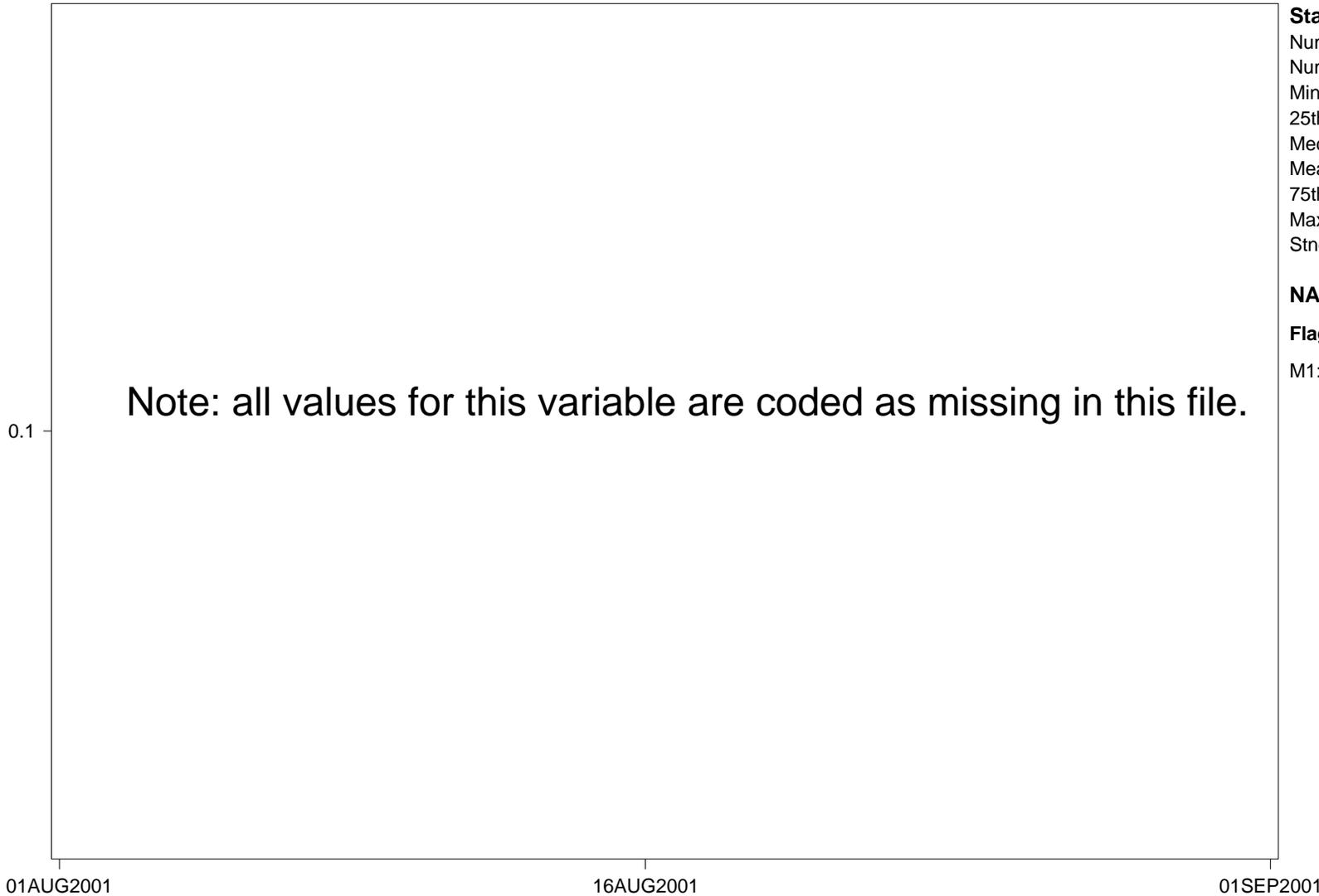


Site ID: **PC01CABCT017** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

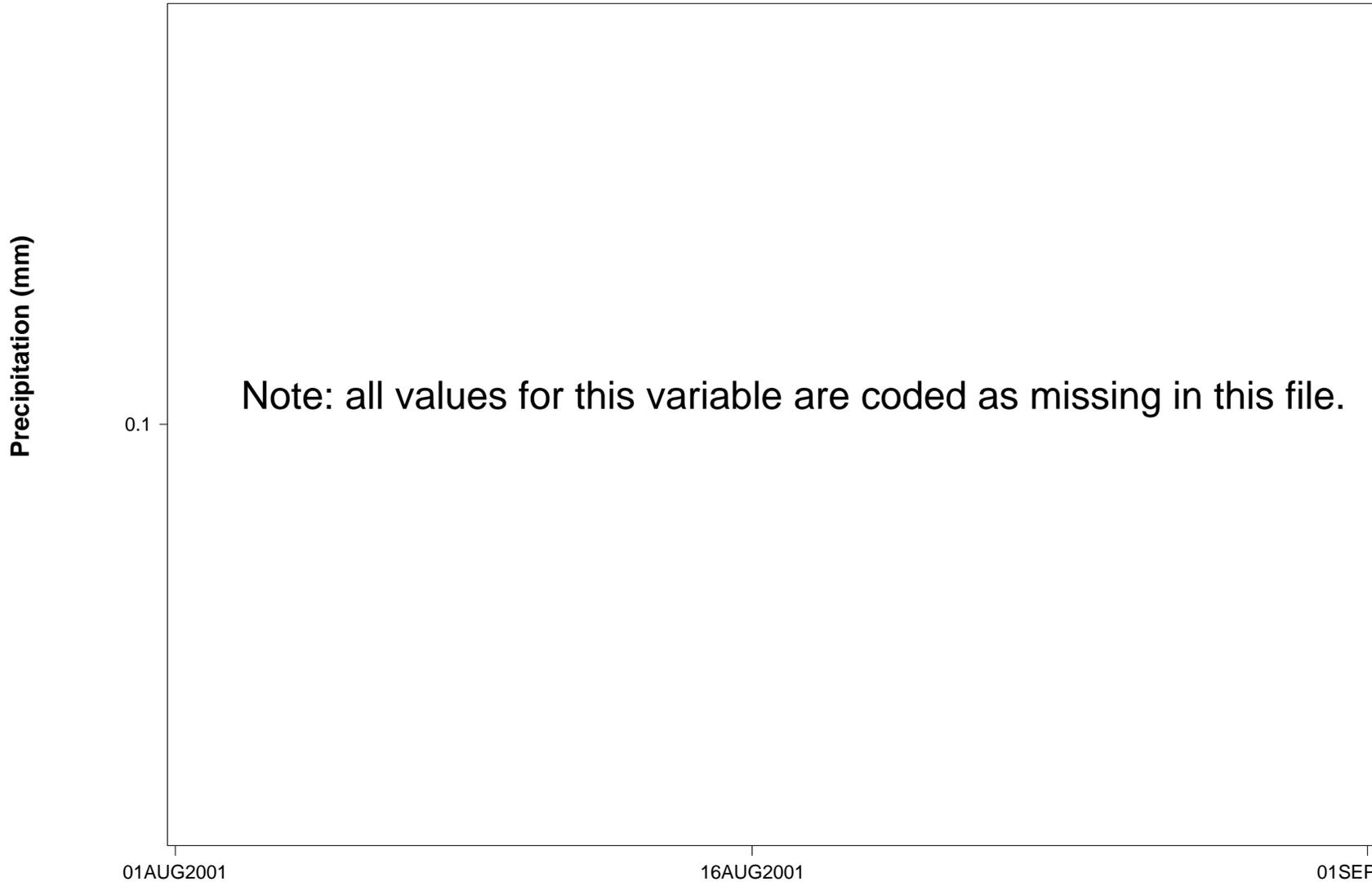
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

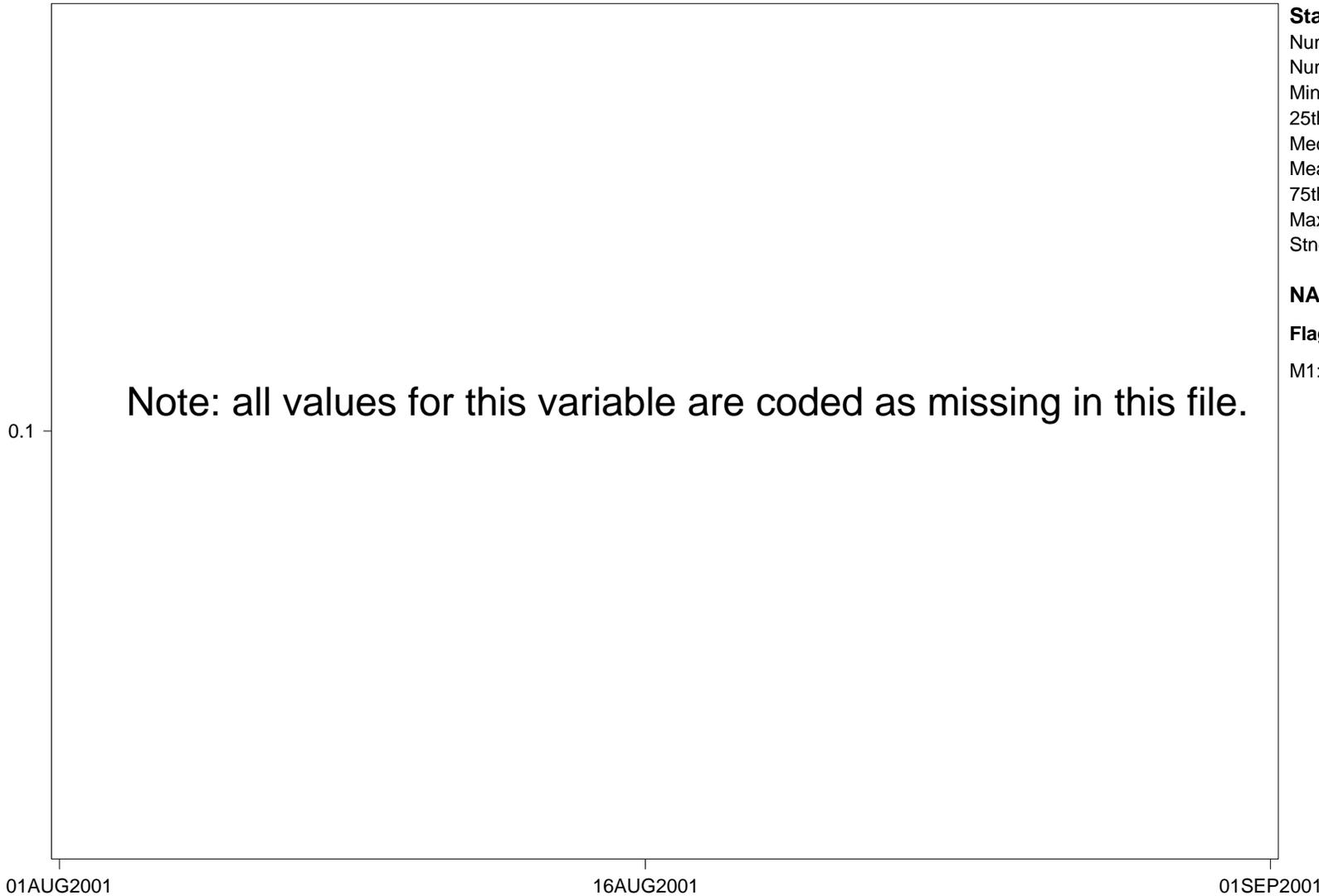
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

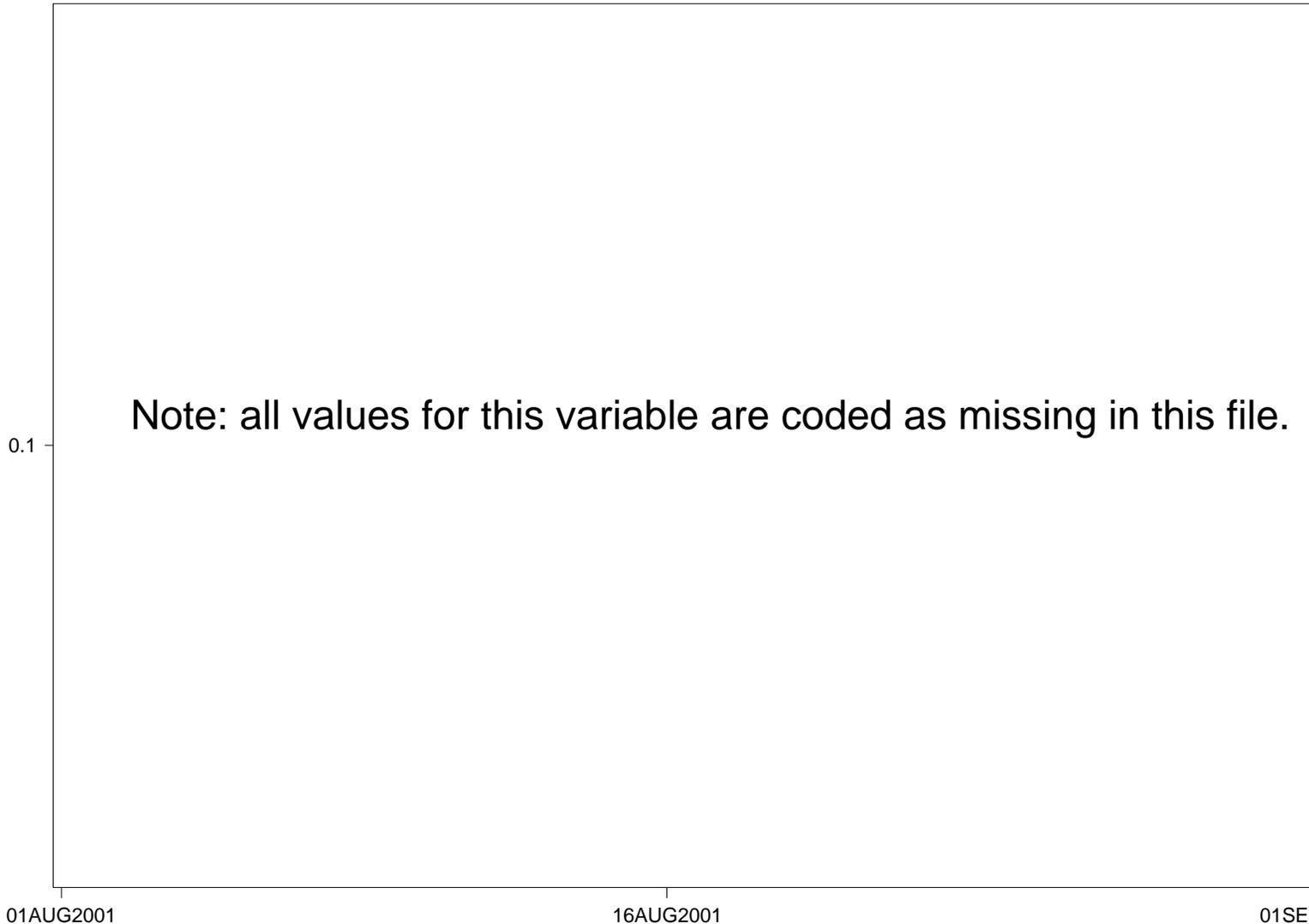
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

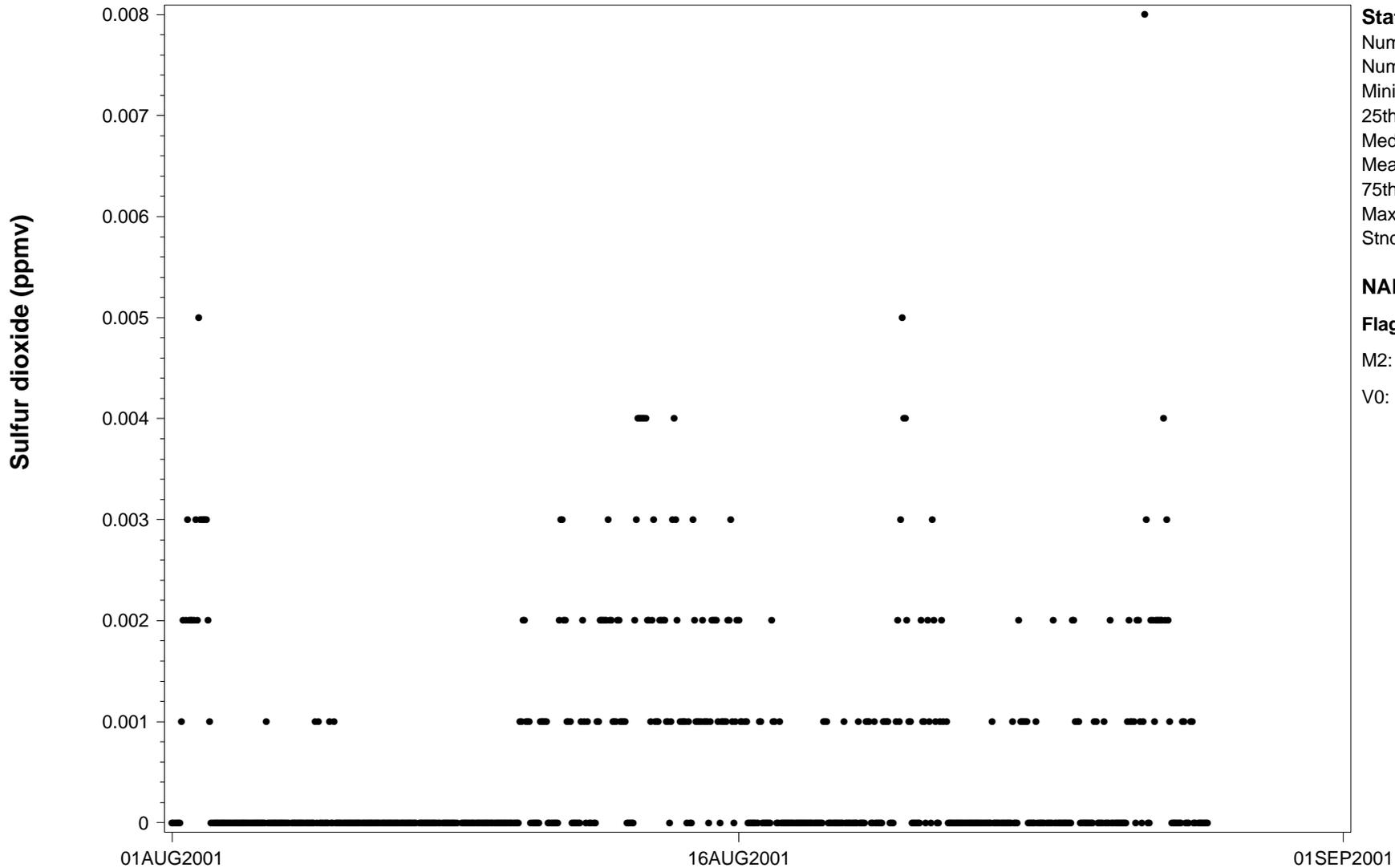
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**

Number of obs: **744**  
 Number of missing: **98**  
 Minimum: **0**  
 25th Percentile: **0**  
 Median: **0**  
 Mean: **0.001**  
 75th Percentile: **0.001**  
 Maximum: **0.008**  
 Std Dev.: **0.001**

**NARSTO Flags**

**Flag Symbol Count**

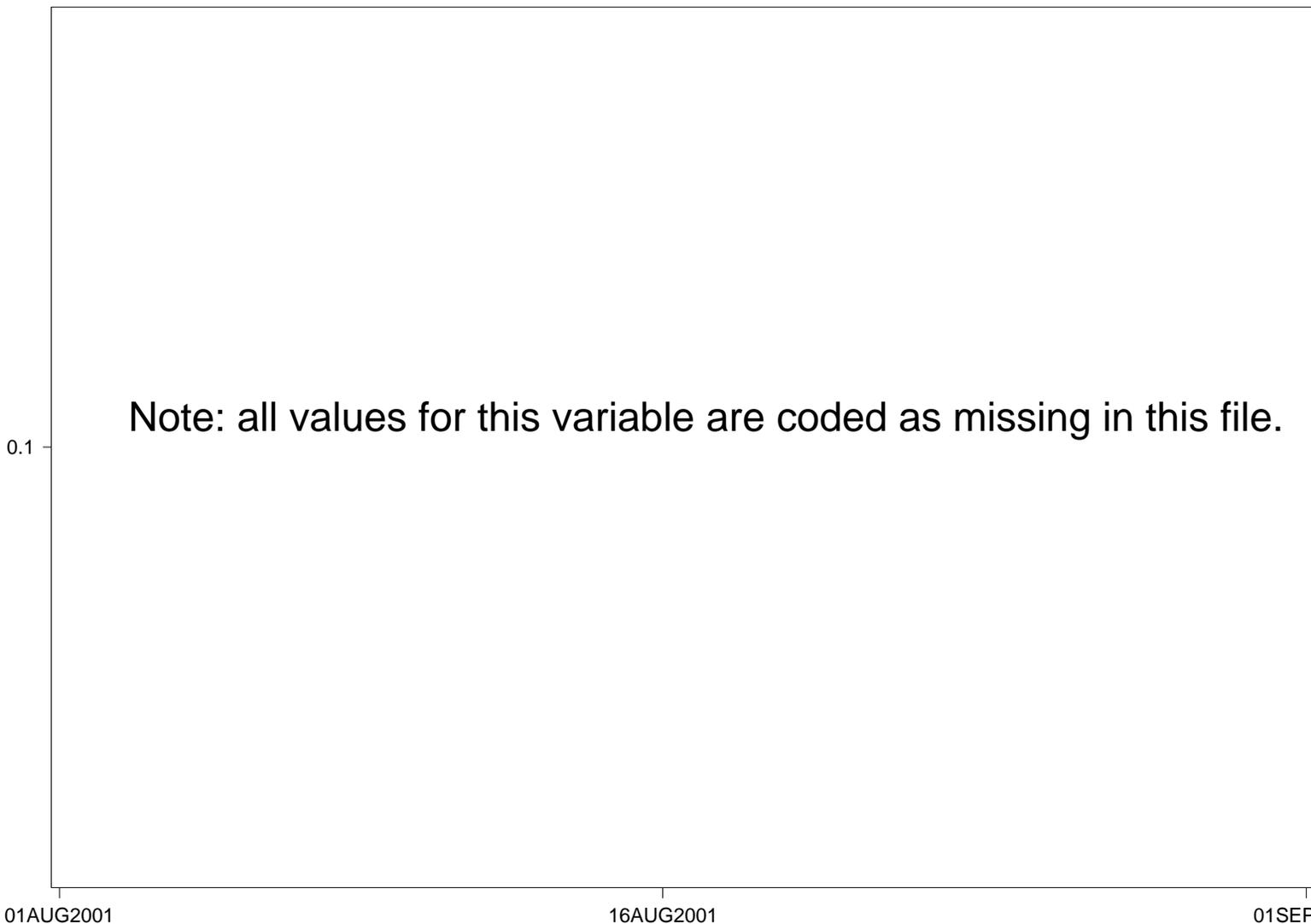
M2: **98**  
 V0: ● **646**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

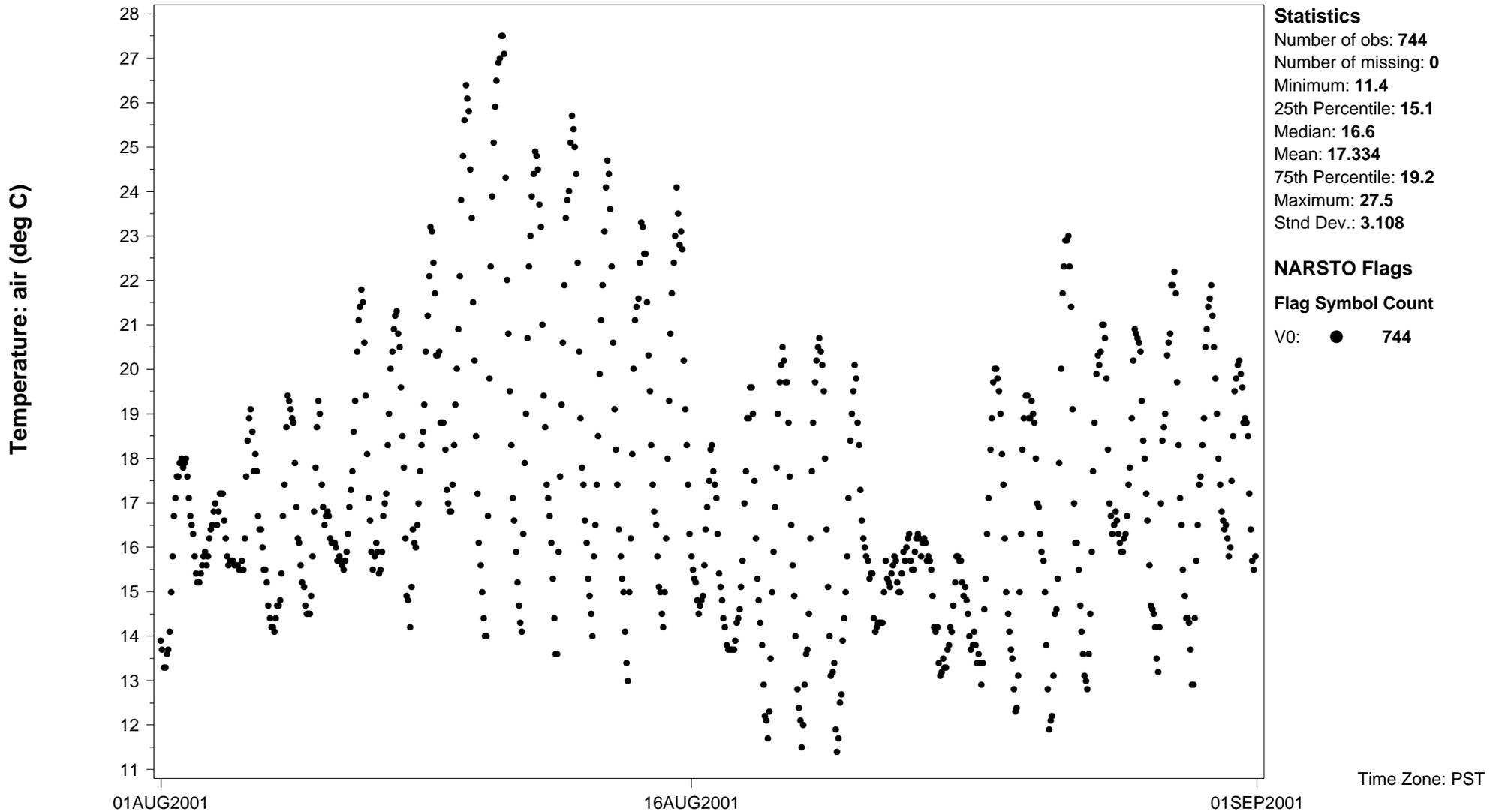
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

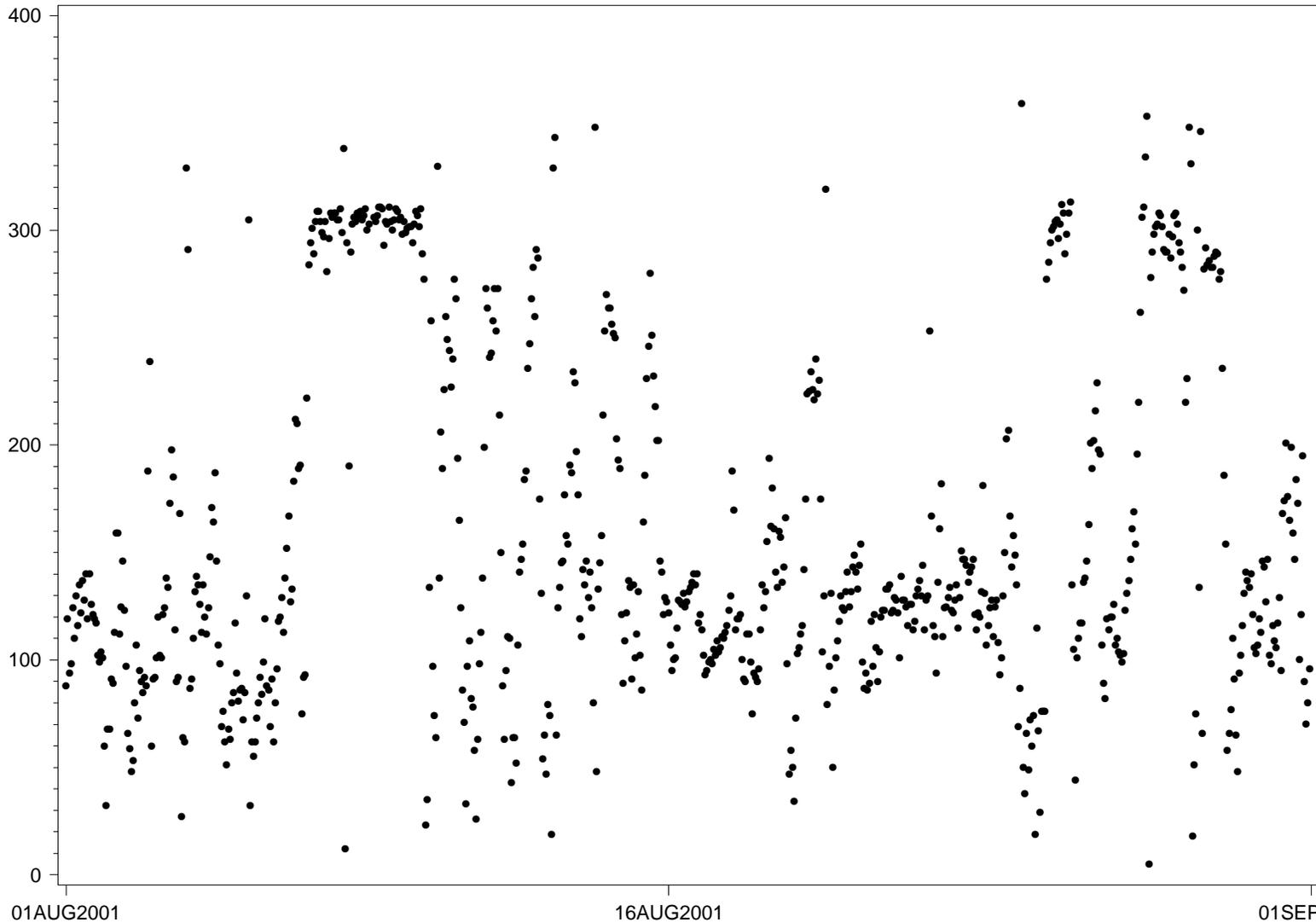


Site ID: **PC01CABCT017** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **2**  
 Minimum: **5**  
 25th Percentile: **102**  
 Median: **131**  
 Mean: **159.860**  
 75th Percentile: **218**  
 Maximum: **359**  
 Std Dev.: **82.072**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **2**  
 V0: ● **742**

Time Zone: PST

NAtChem Time Series Plot

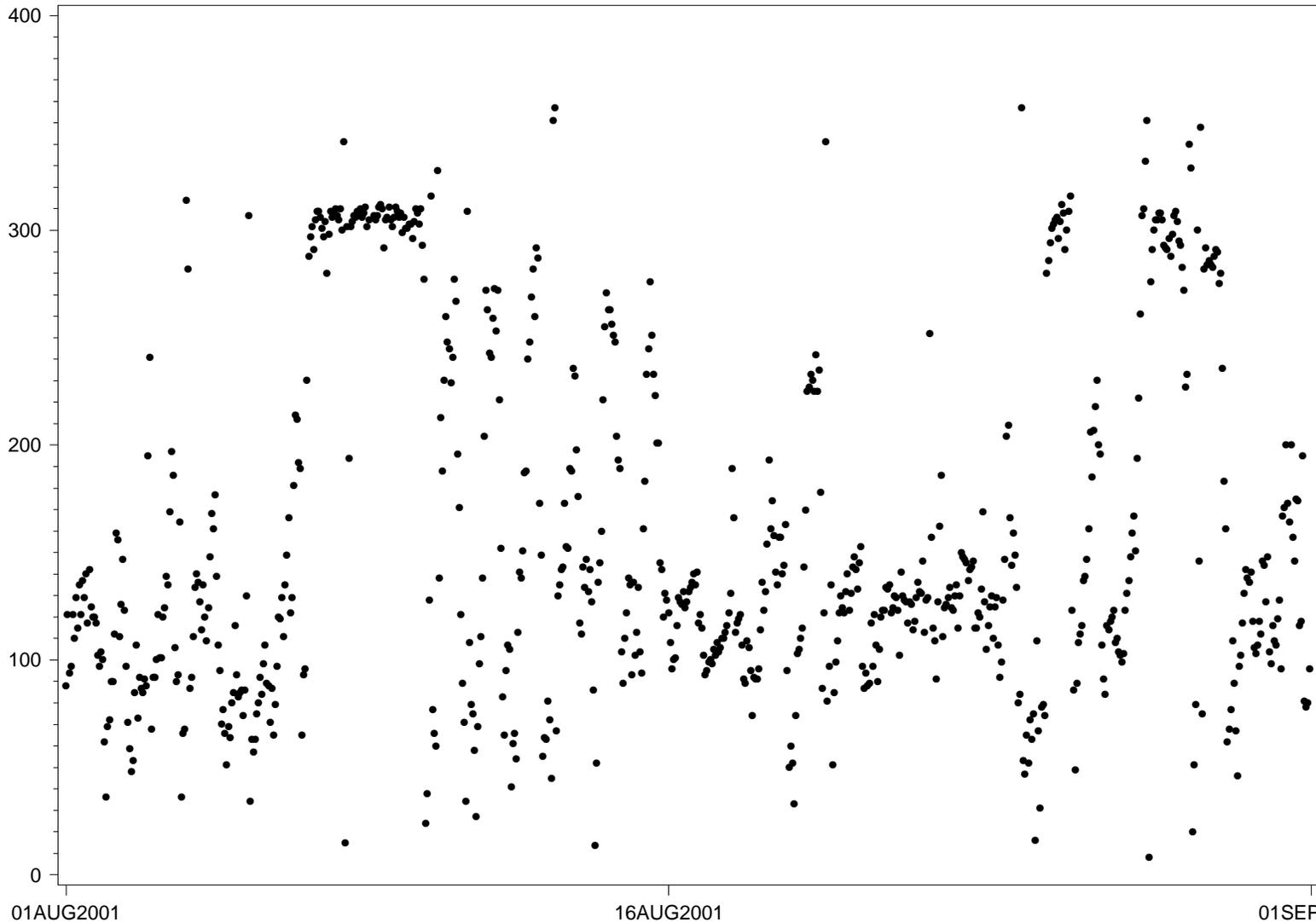
30SEP2004

Site ID: **PC01CABCT017** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **2**  
 Minimum: **8**  
 25th Percentile: **102**  
 Median: **131**  
 Mean: **160.039**  
 75th Percentile: **222**  
 Maximum: **357**  
 Std Dev.: **82.497**

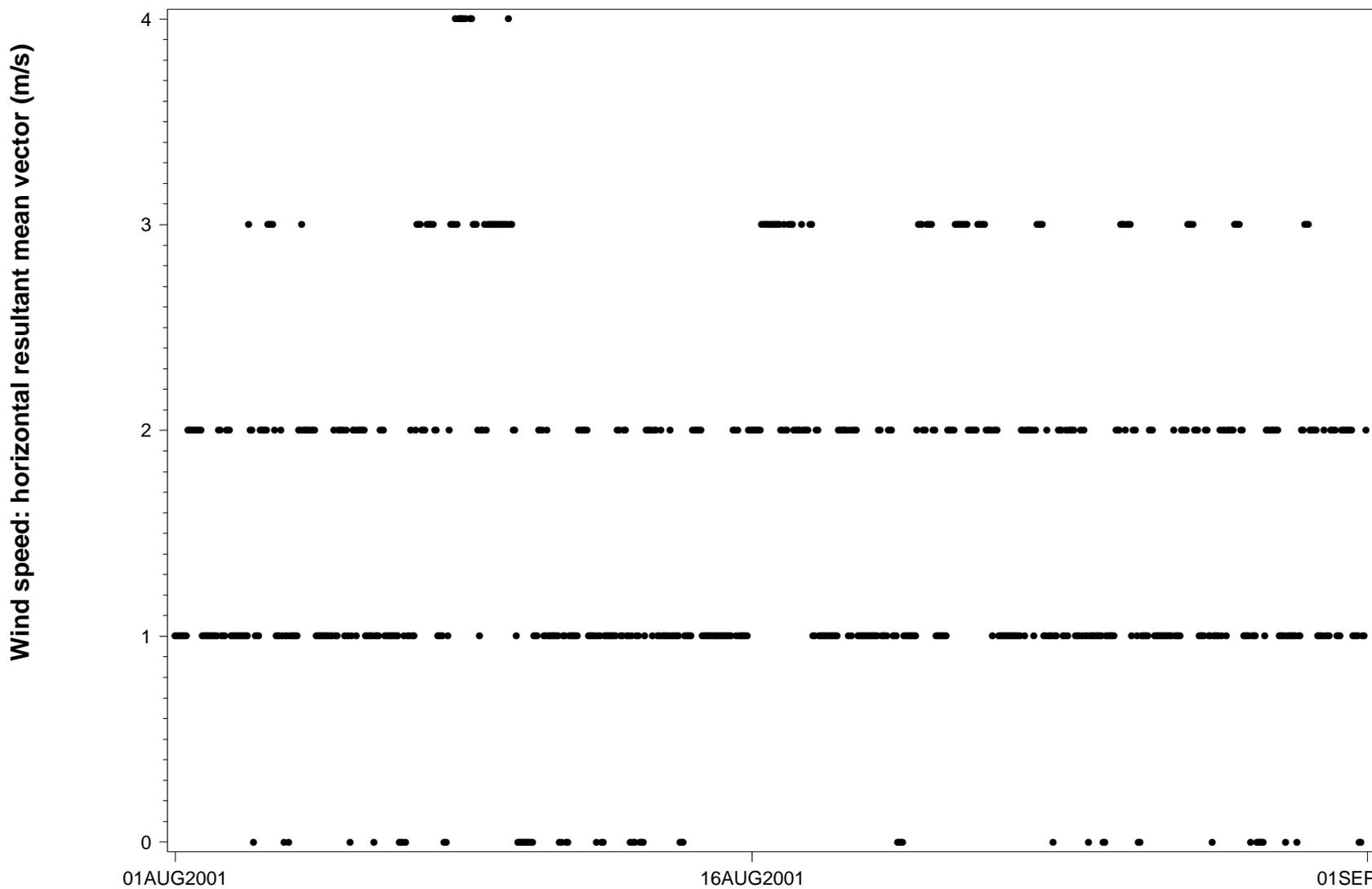
**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **2**  
 V0: ● **742**

Time Zone: PST

Site ID: **PC01CABCT017** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **2**  
 Minimum: **0**  
 25th Percentile: **1**  
 Median: **1**  
 Mean: **1.530**  
 75th Percentile: **2**  
 Maximum: **4**  
 Std Dev.: **0.861**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **2**  
 V0: ● **742**

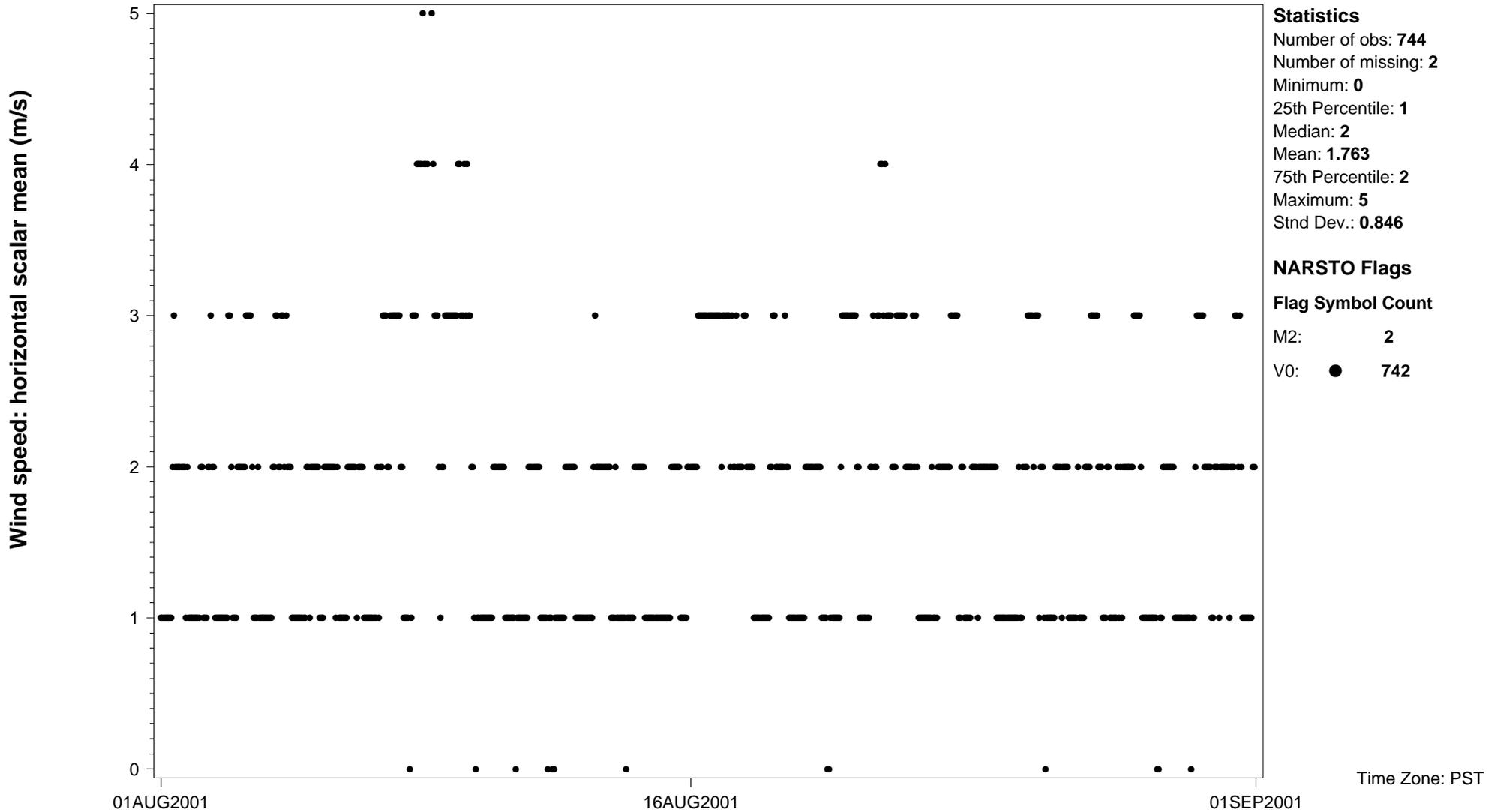
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT017** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **RICHMOND SOUTH - WILLIAMS AND ARAGON ROAD - RICHMOND, British Columbia** Latitude: **49.14166667 deg.** Longitude: **-123.1080556 deg.** Start Date: **9999**

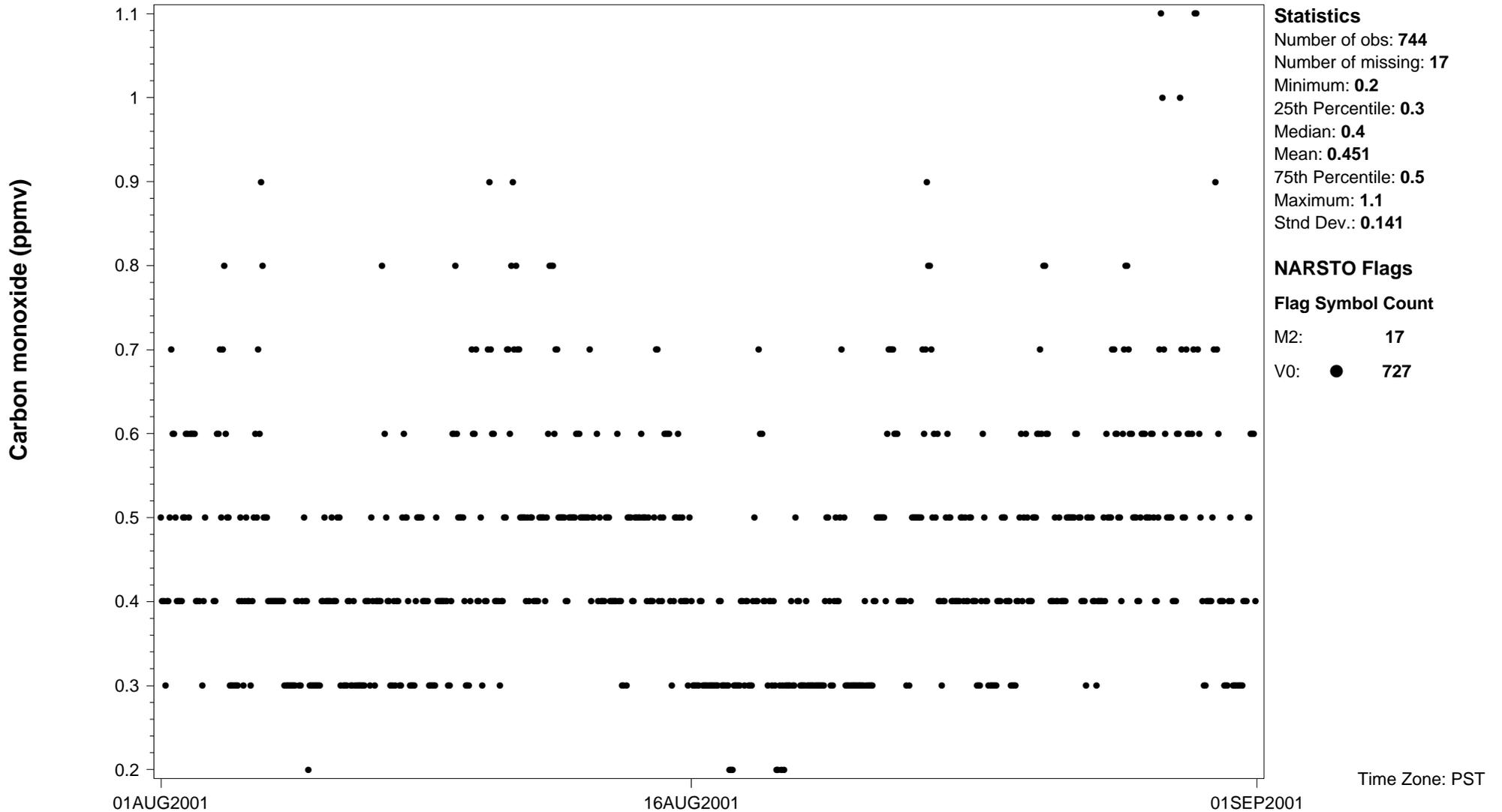


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

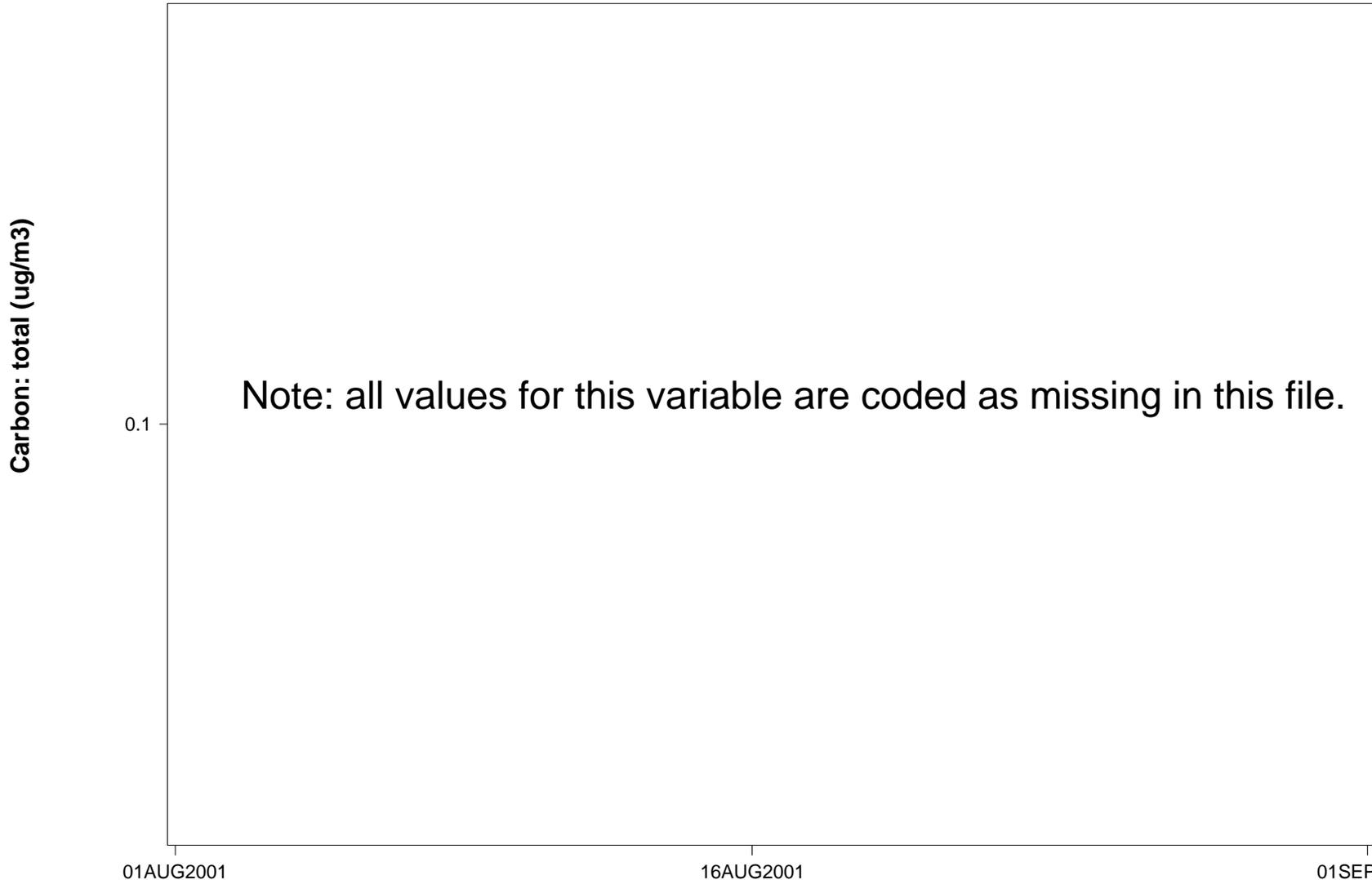
Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT018** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

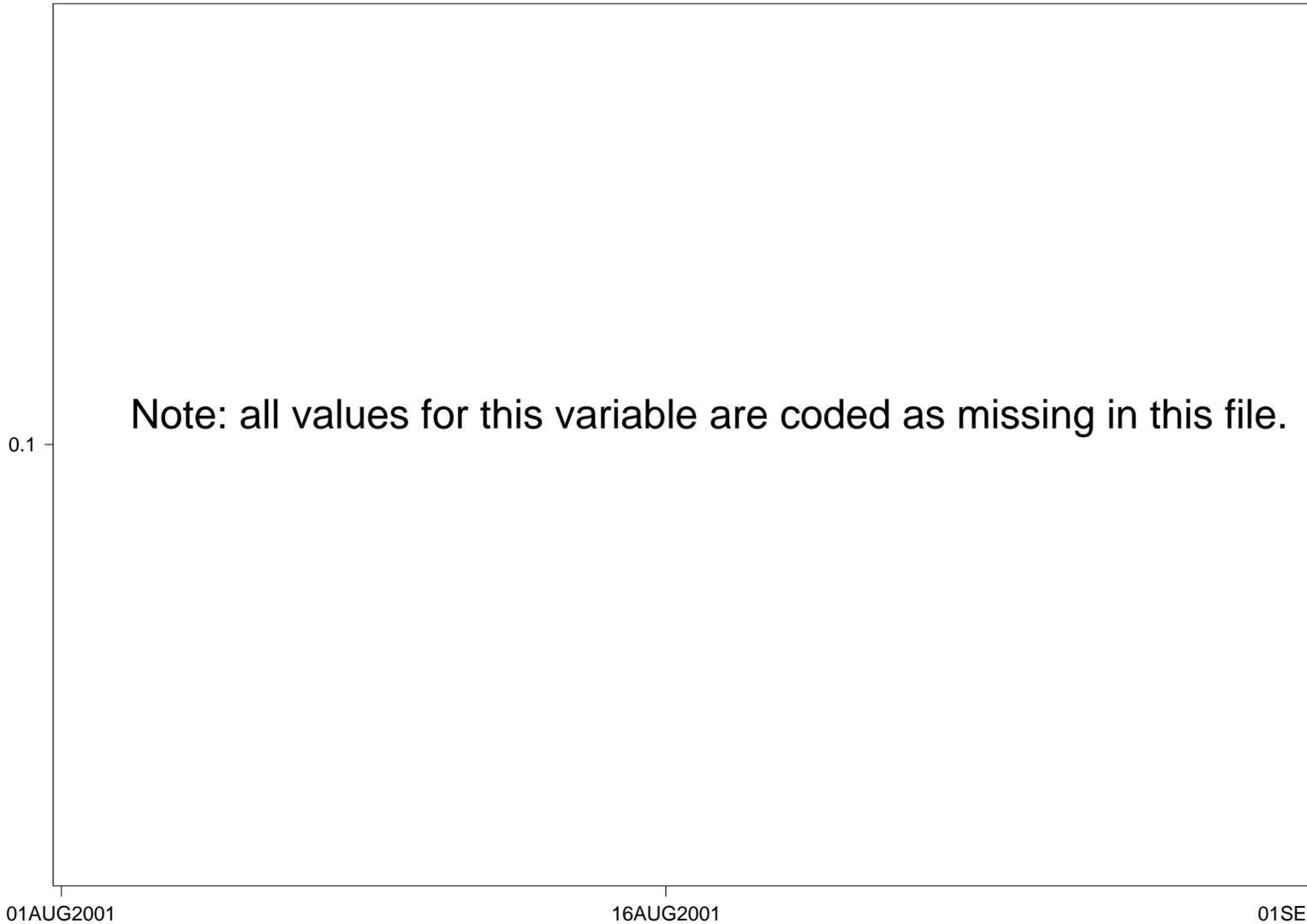
Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

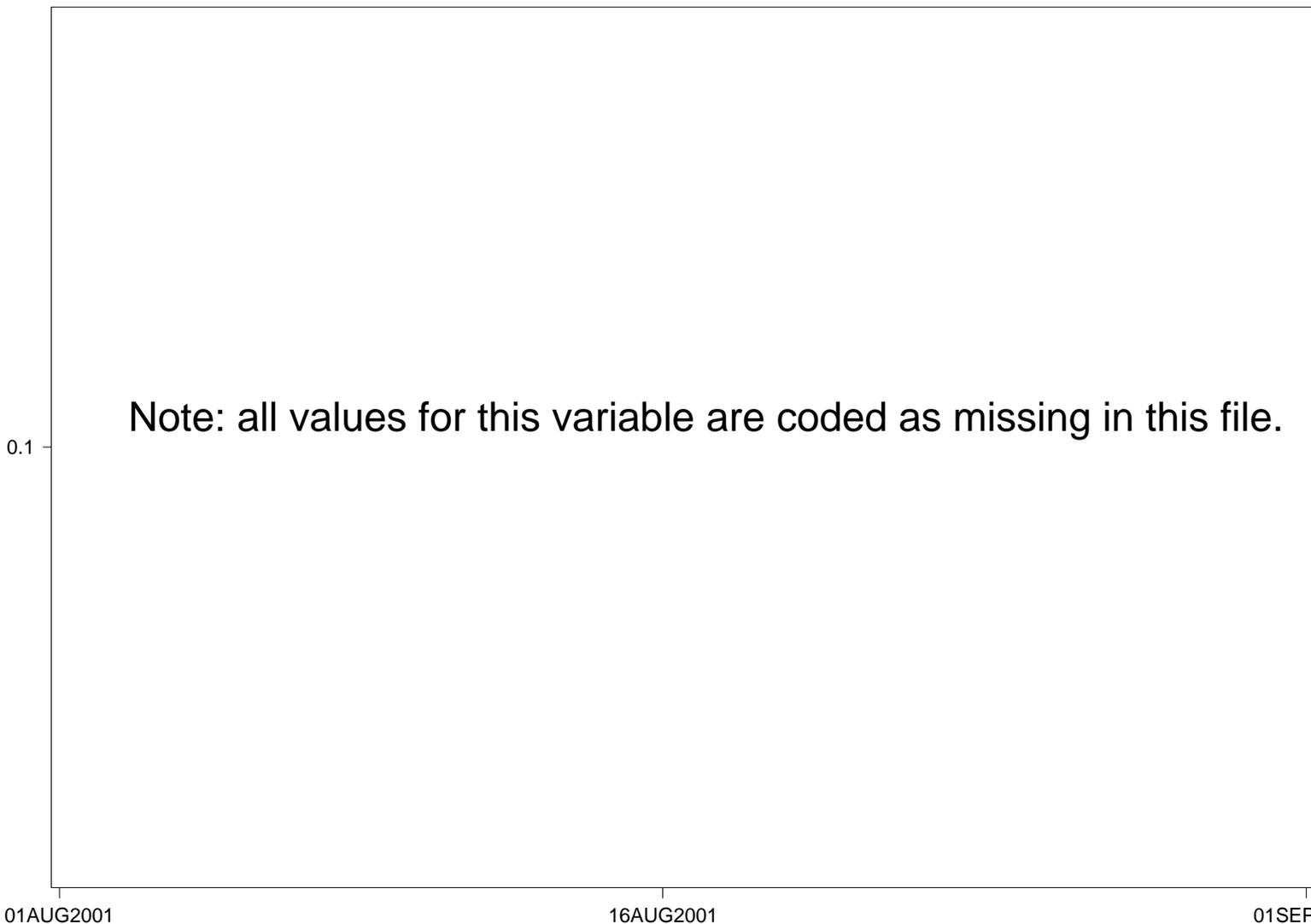
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

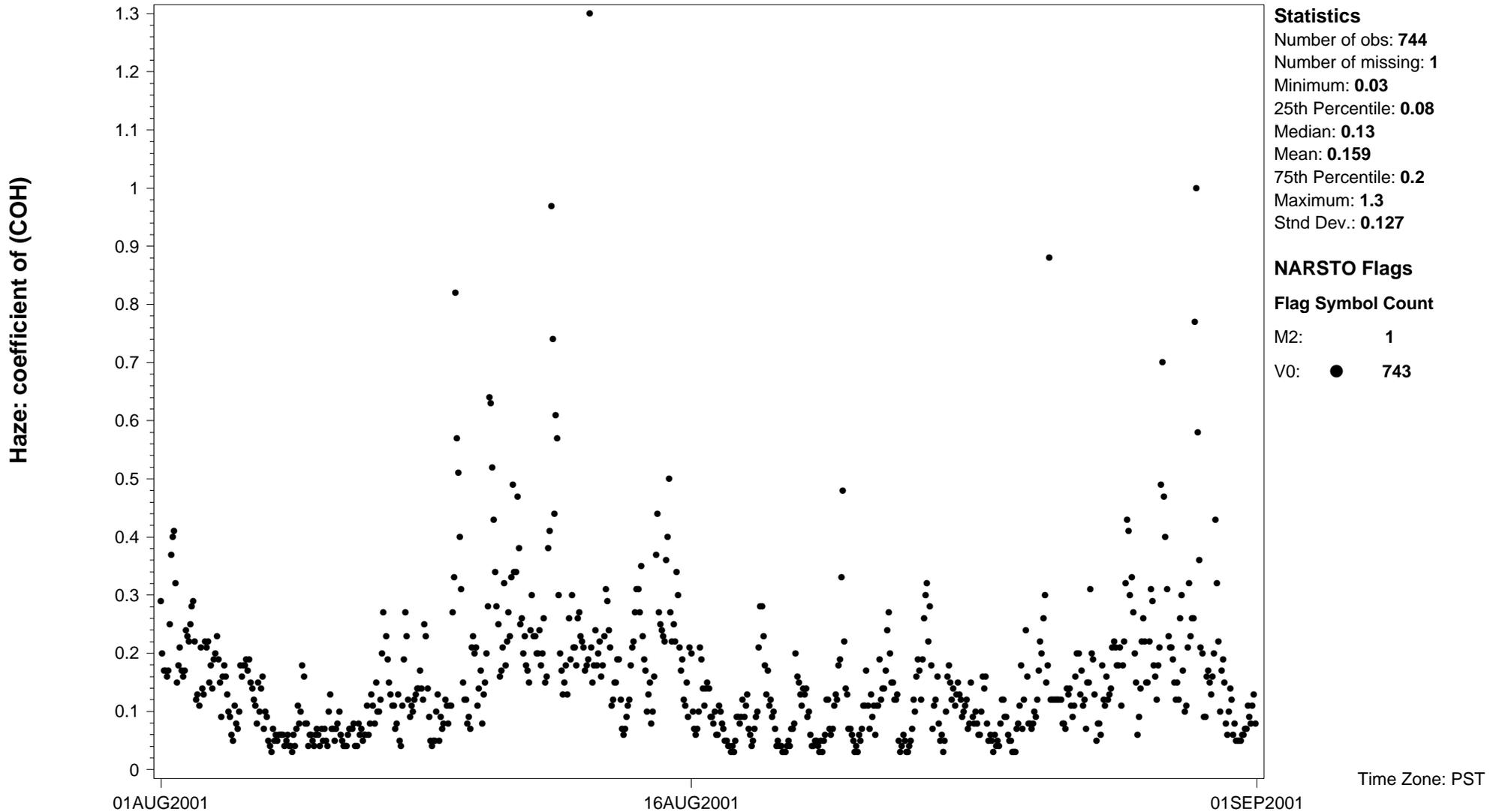
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

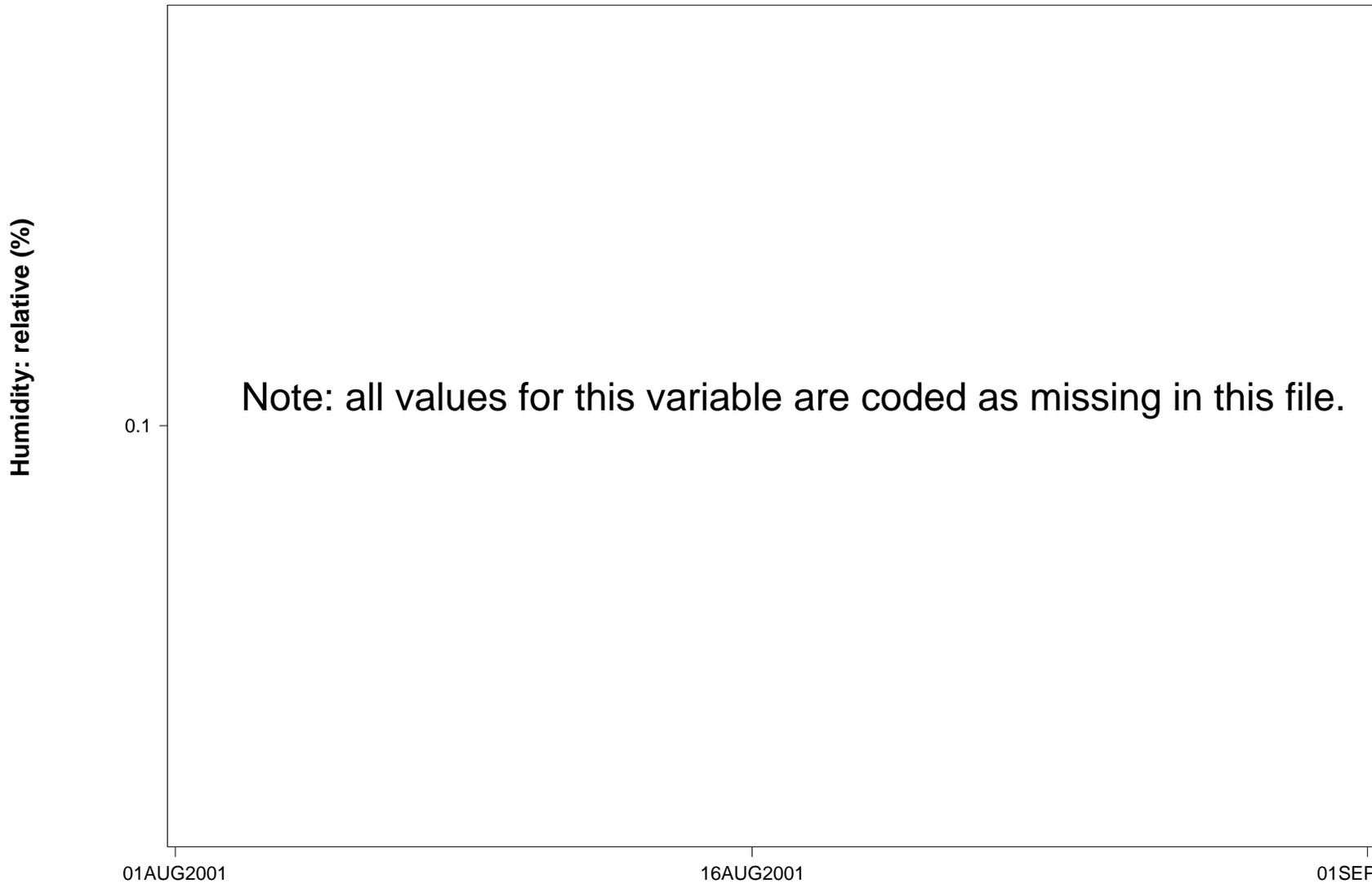
Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT018** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

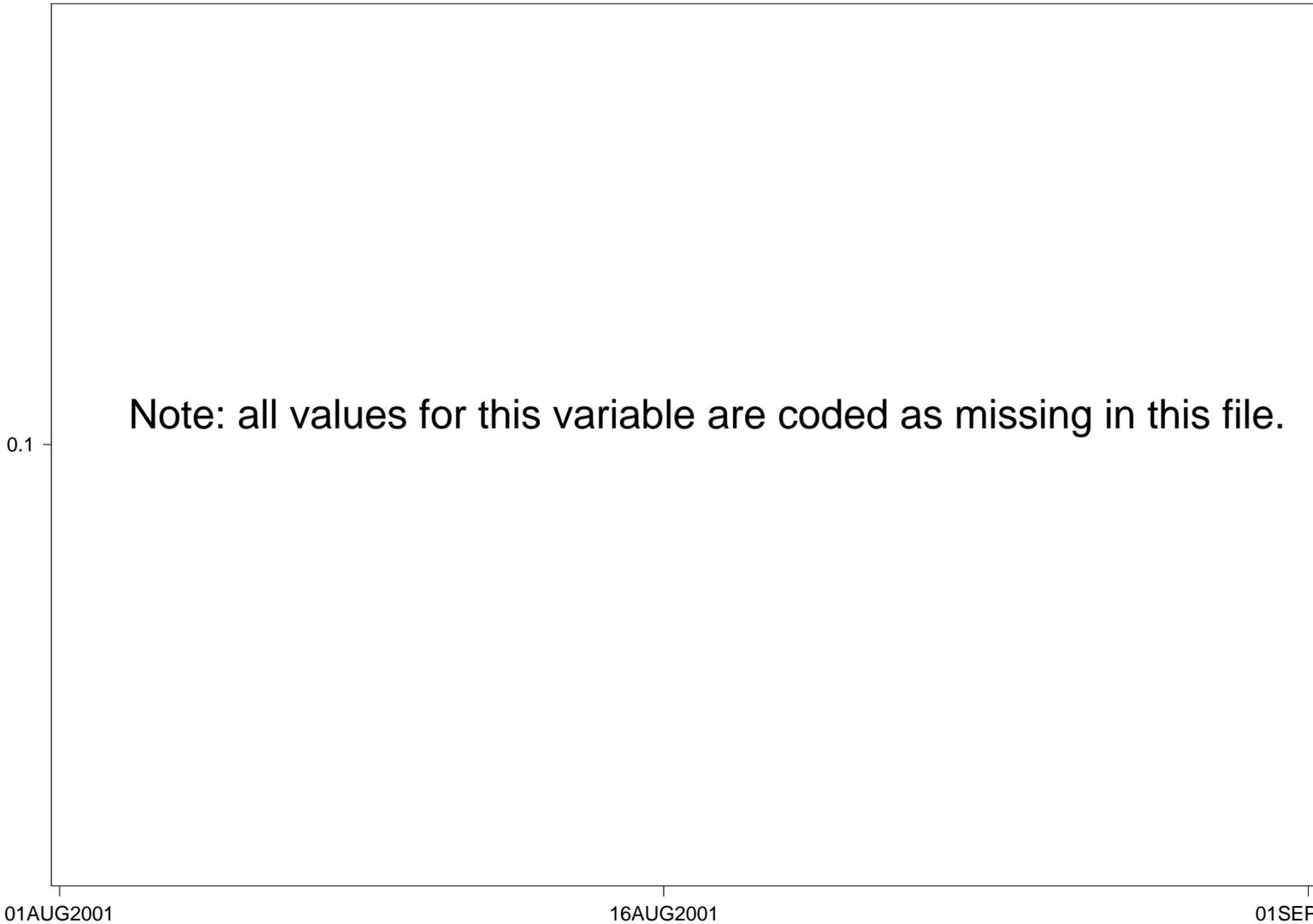
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

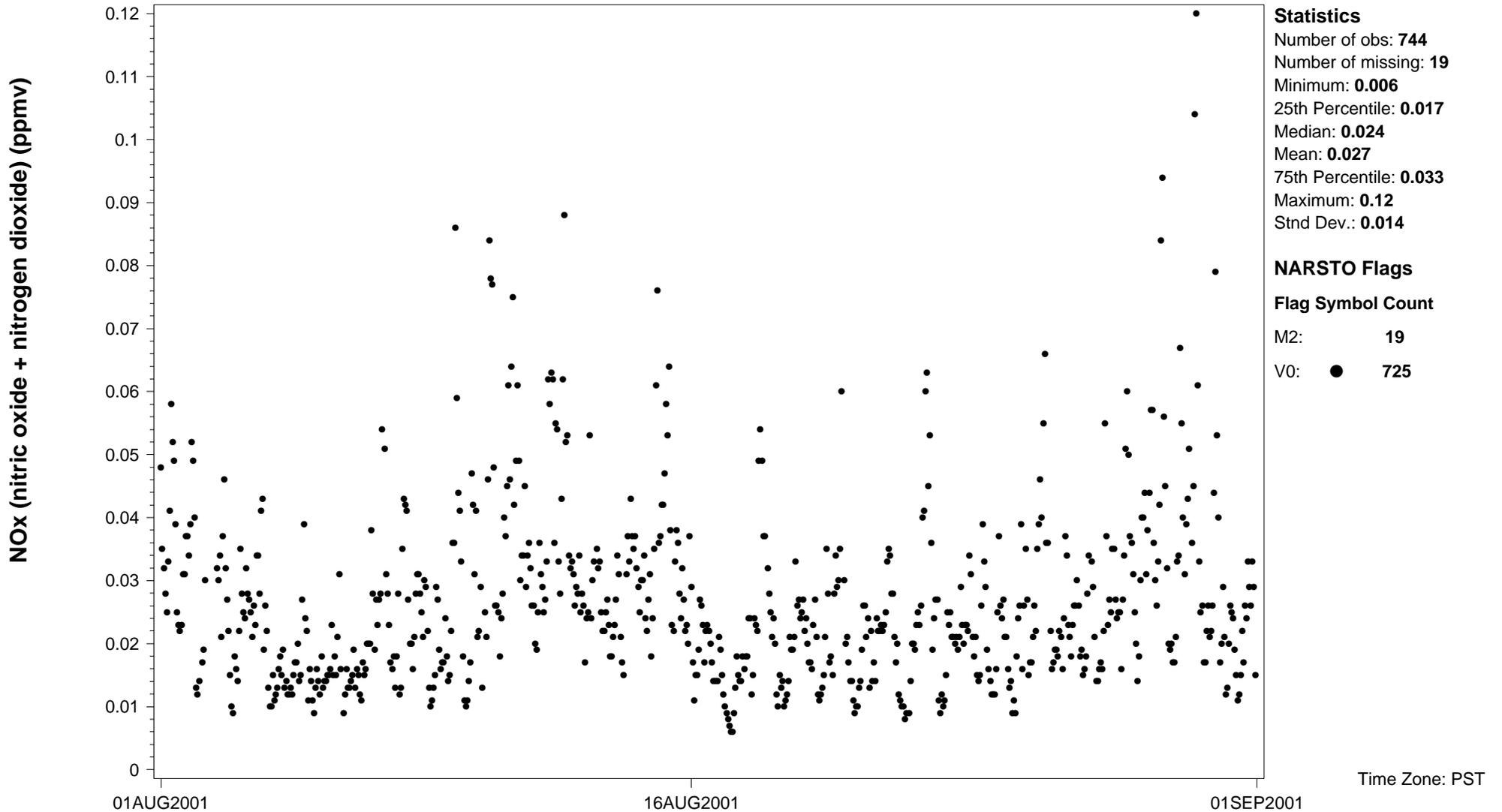
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



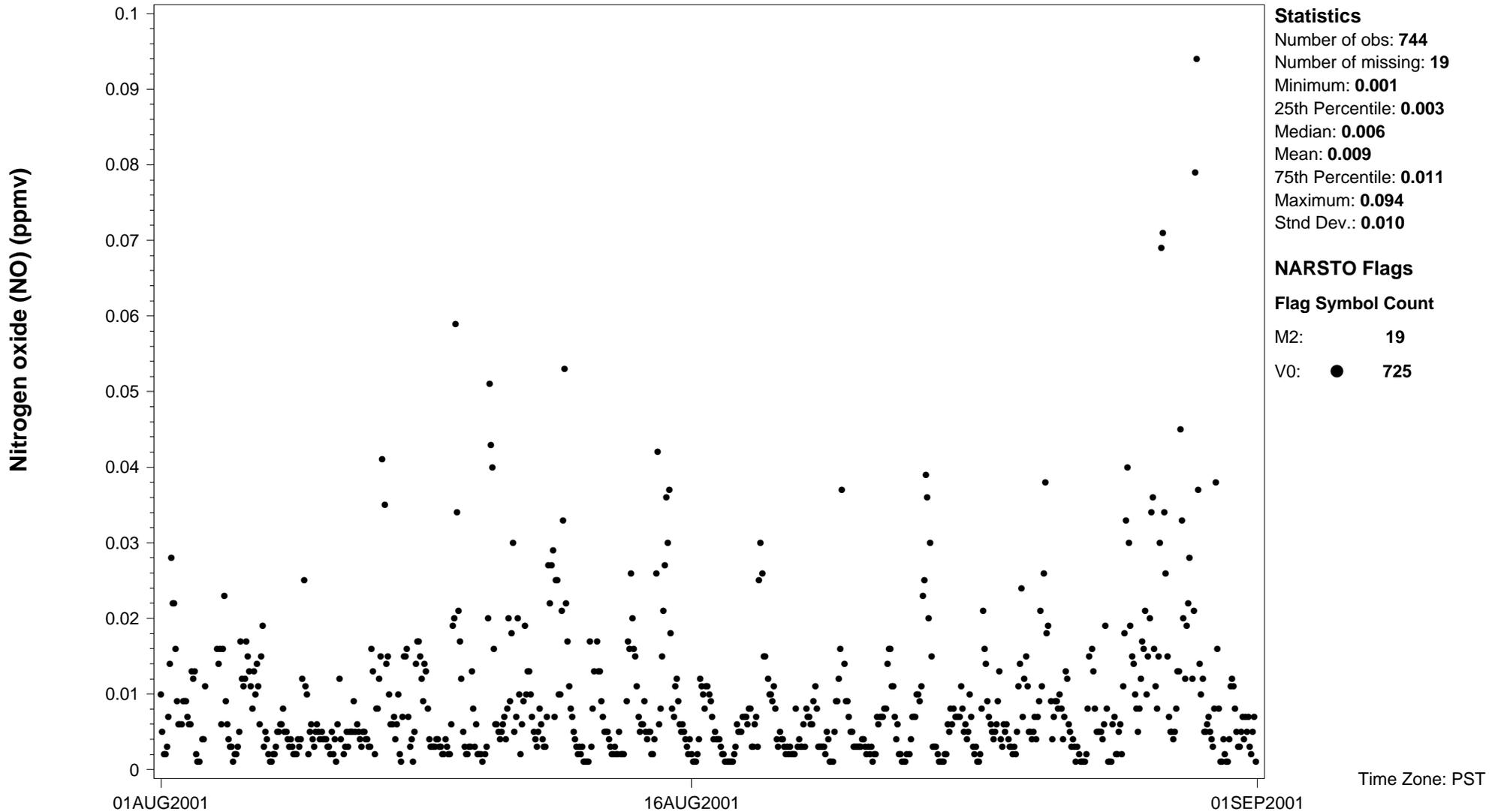
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

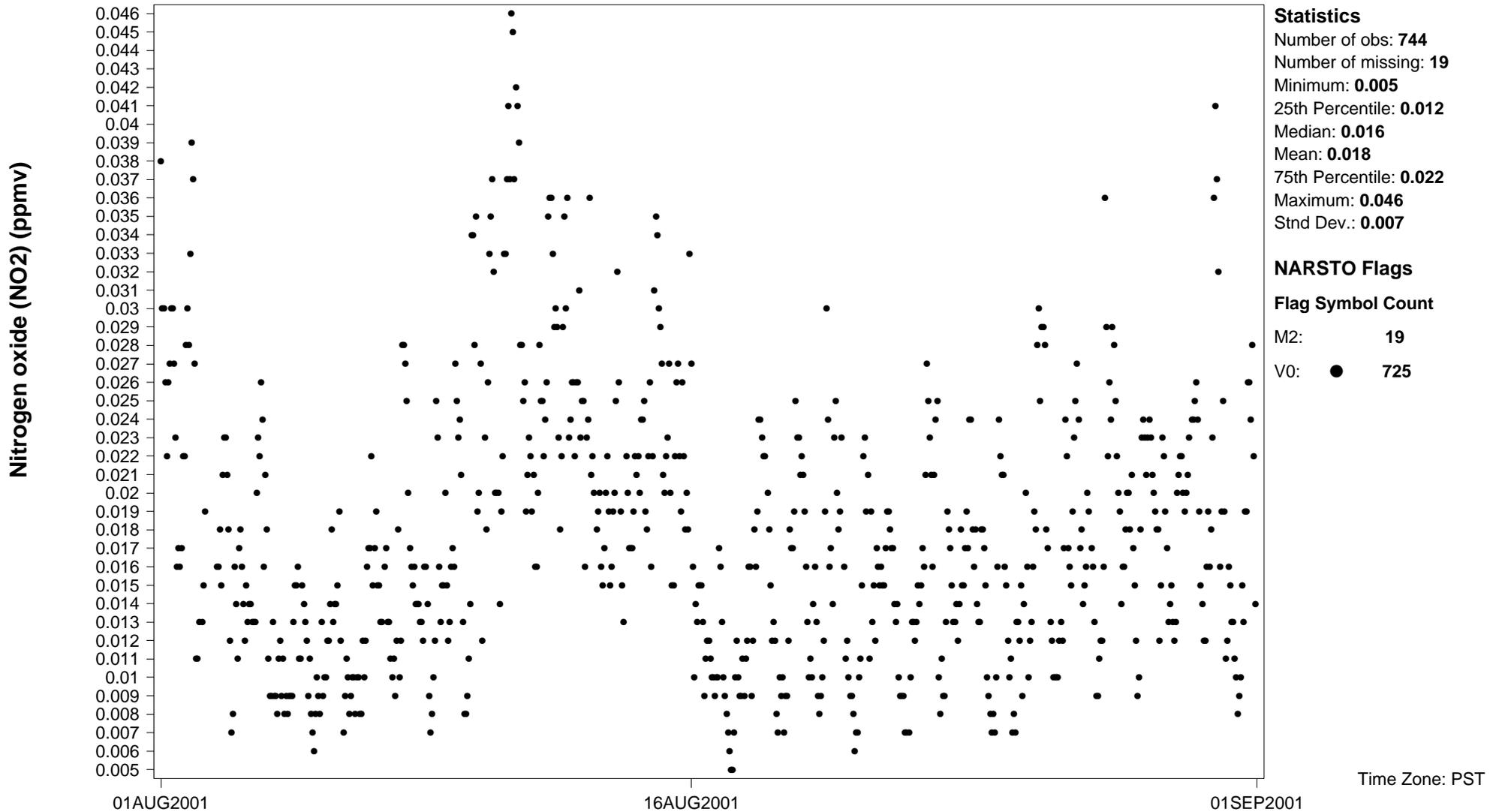


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



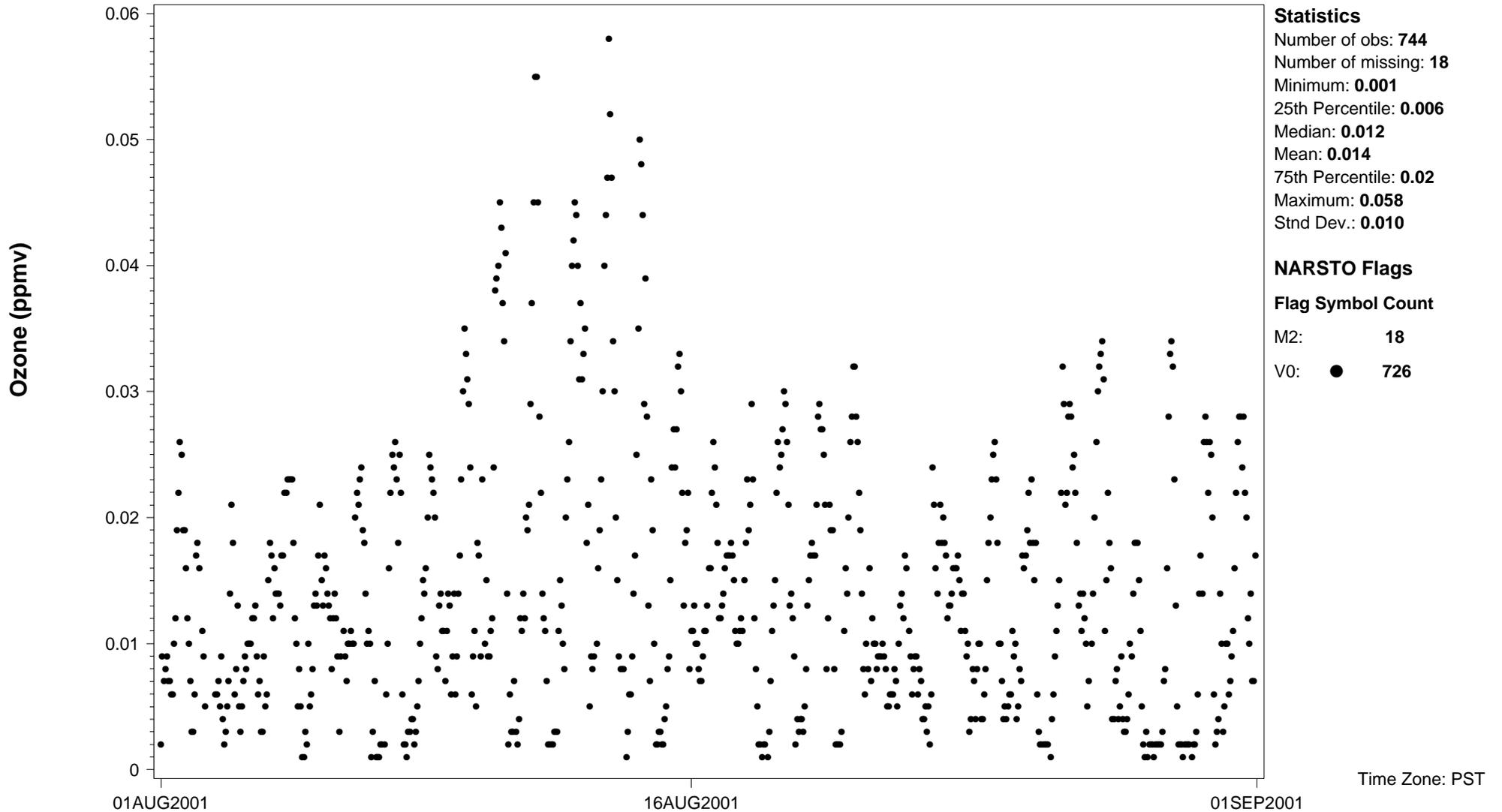
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

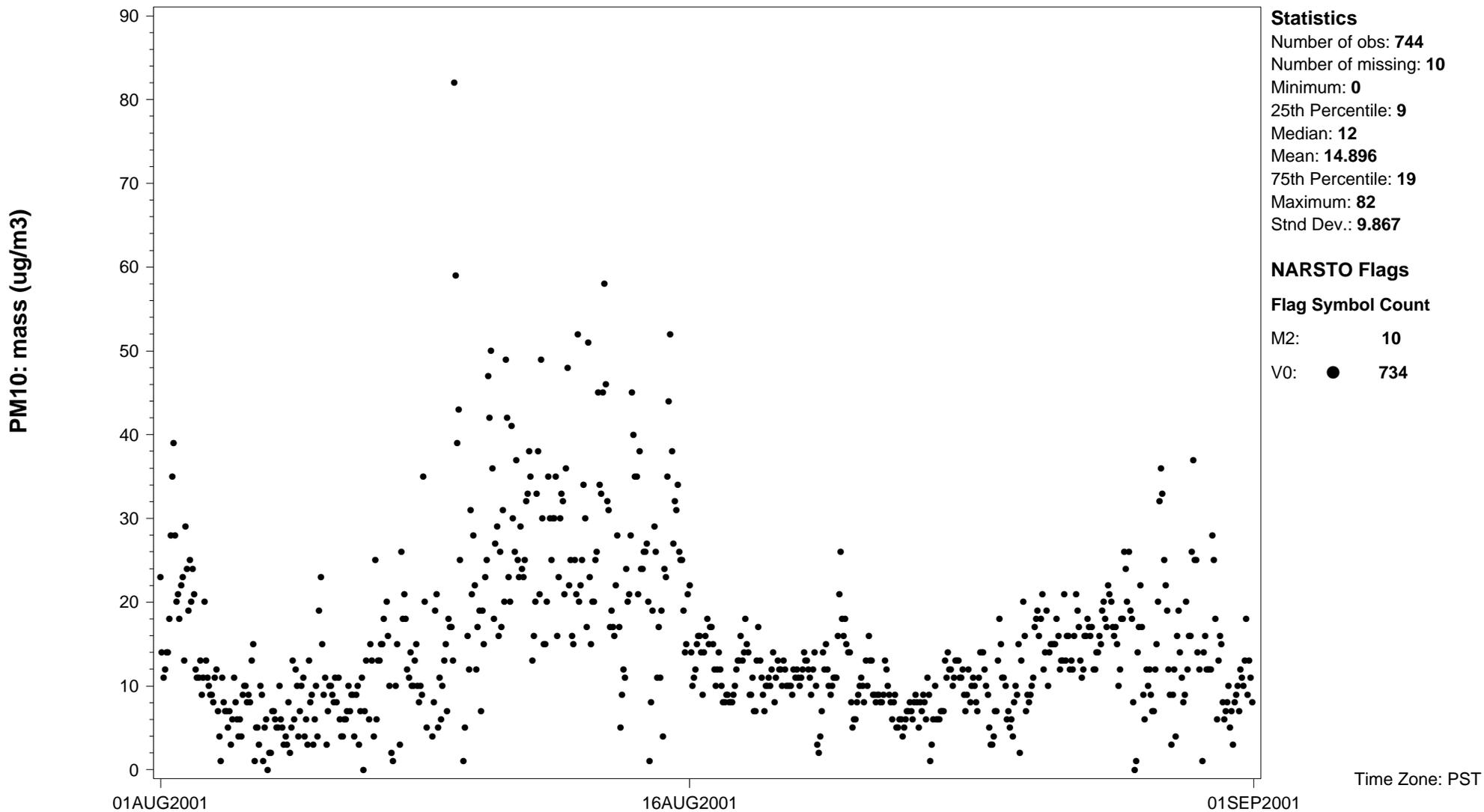
Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT018** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

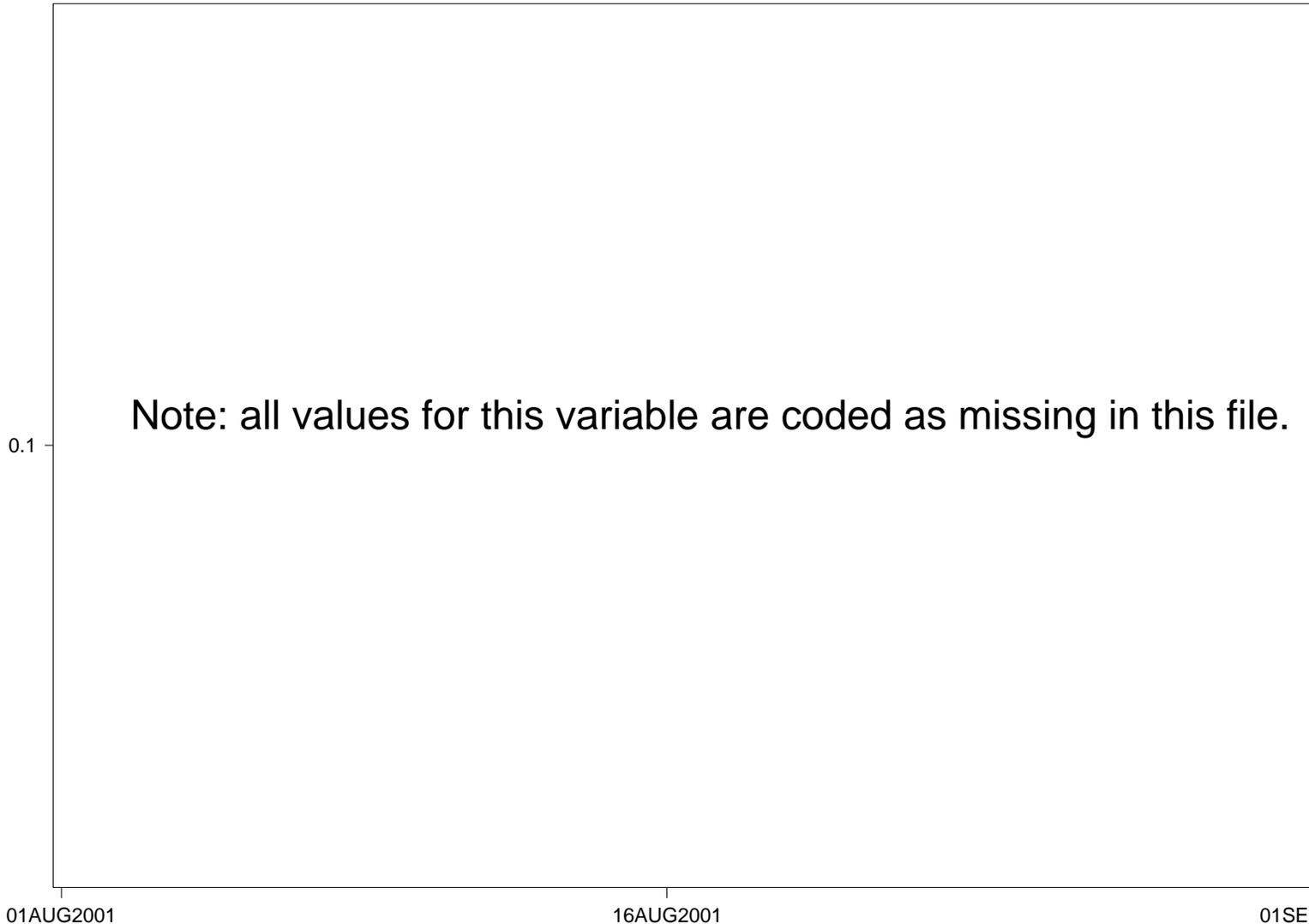


Site ID: **PC01CABCT018** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

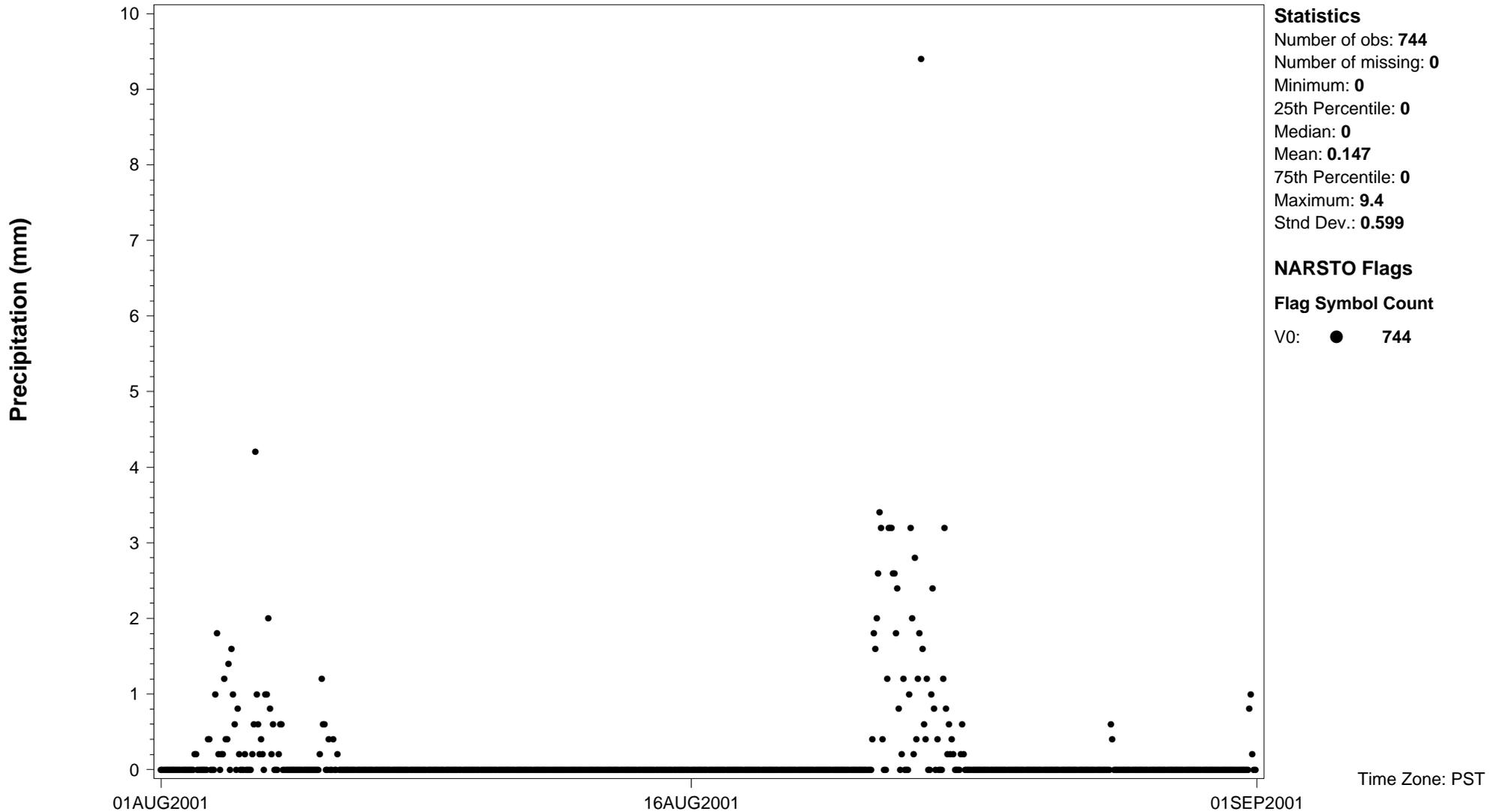
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

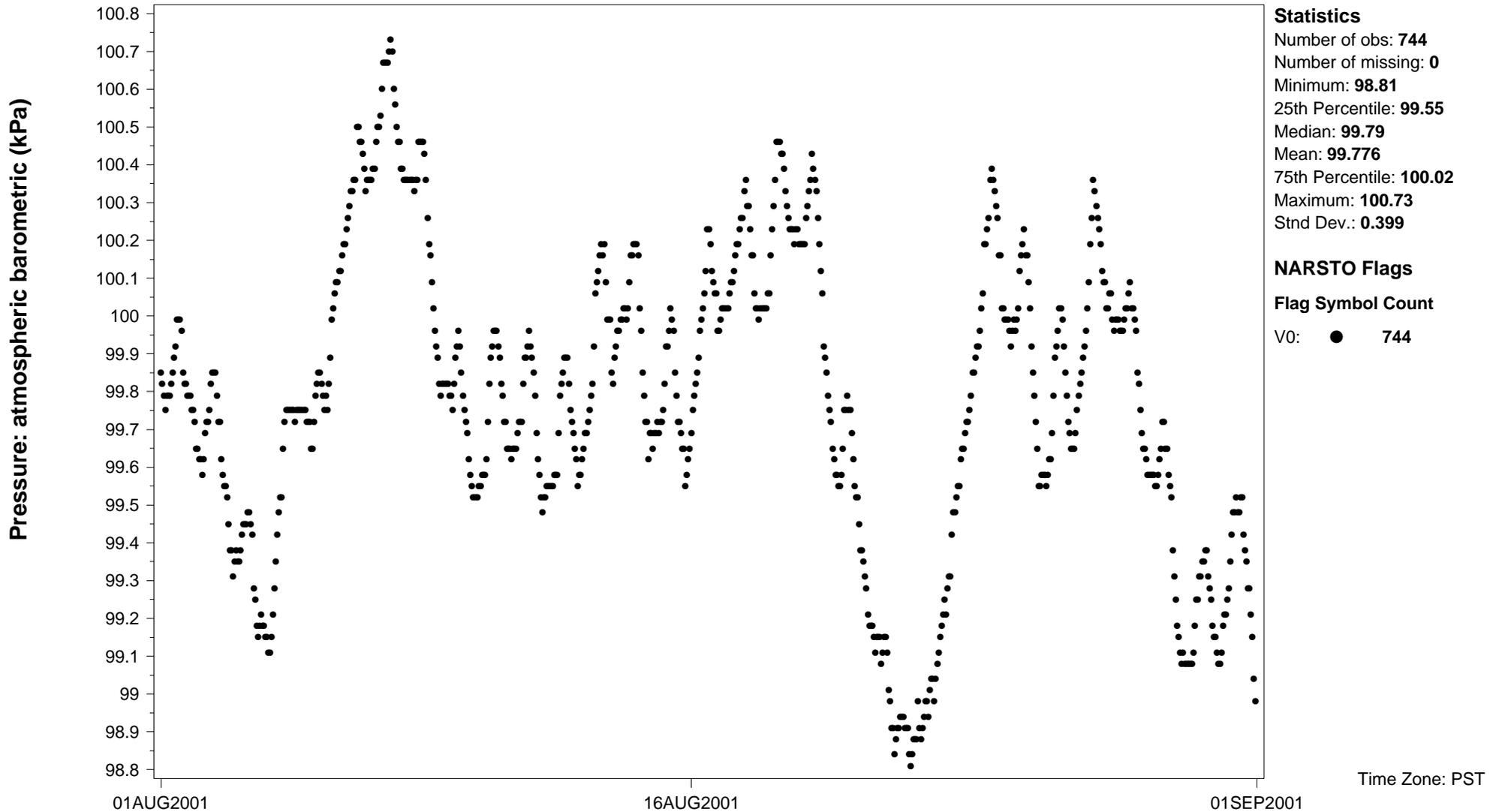
Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT018** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

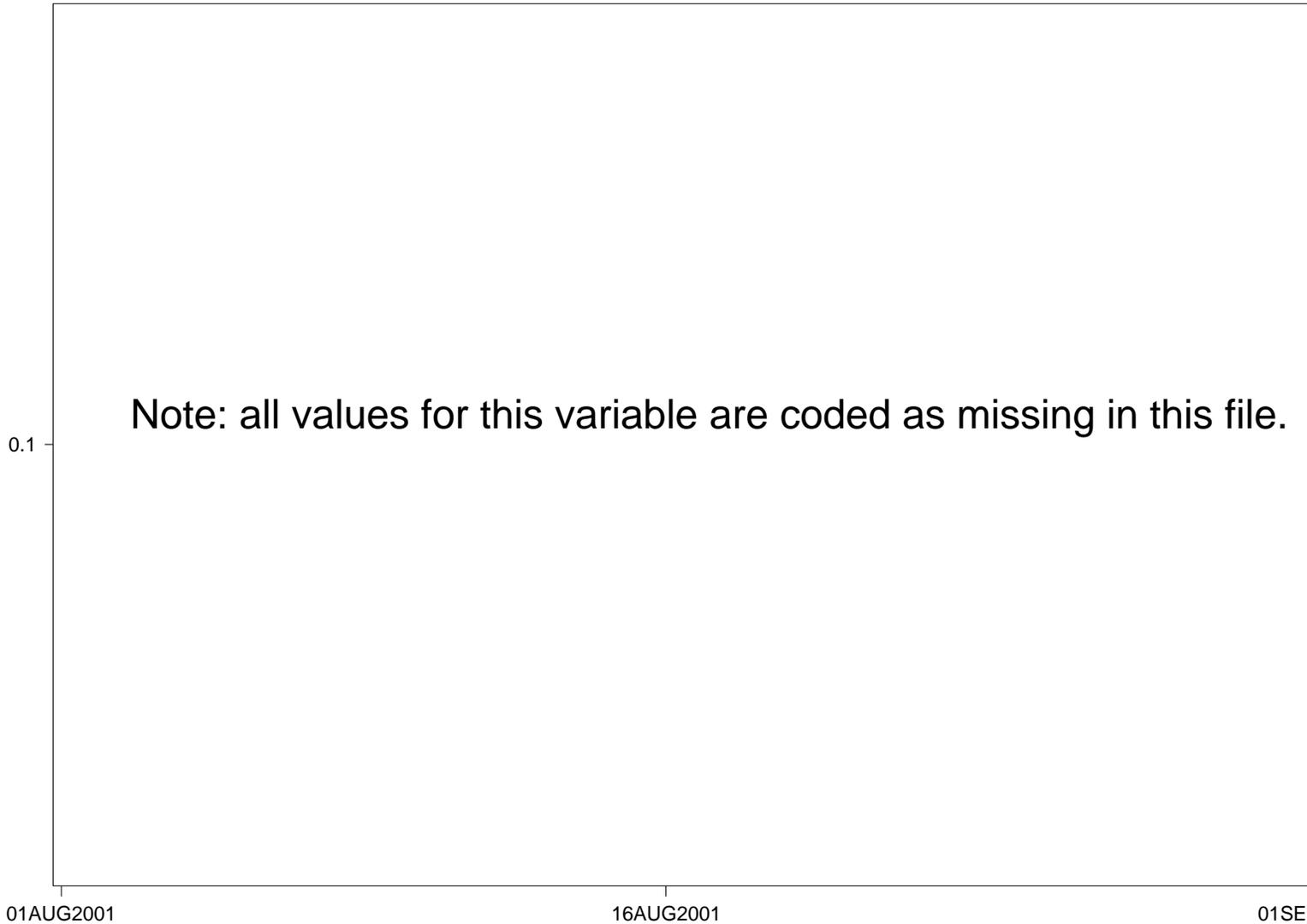
Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT018** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

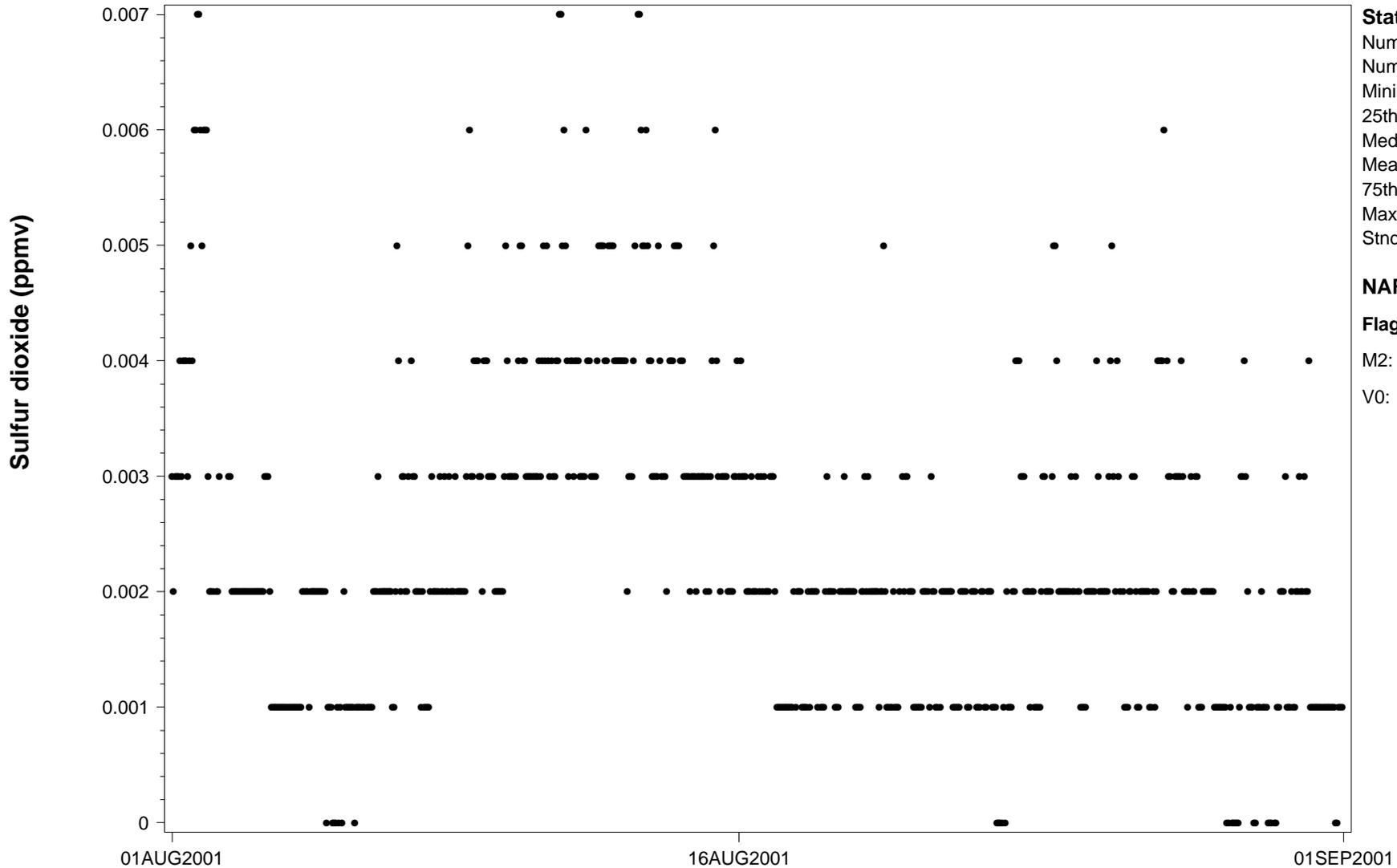
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **18**  
 Minimum: **0**  
 25th Percentile: **0.001**  
 Median: **0.002**  
 Mean: **0.002**  
 75th Percentile: **0.003**  
 Maximum: **0.007**  
 Stnd Dev.: **0.001**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **18**  
 V0: ● **726**

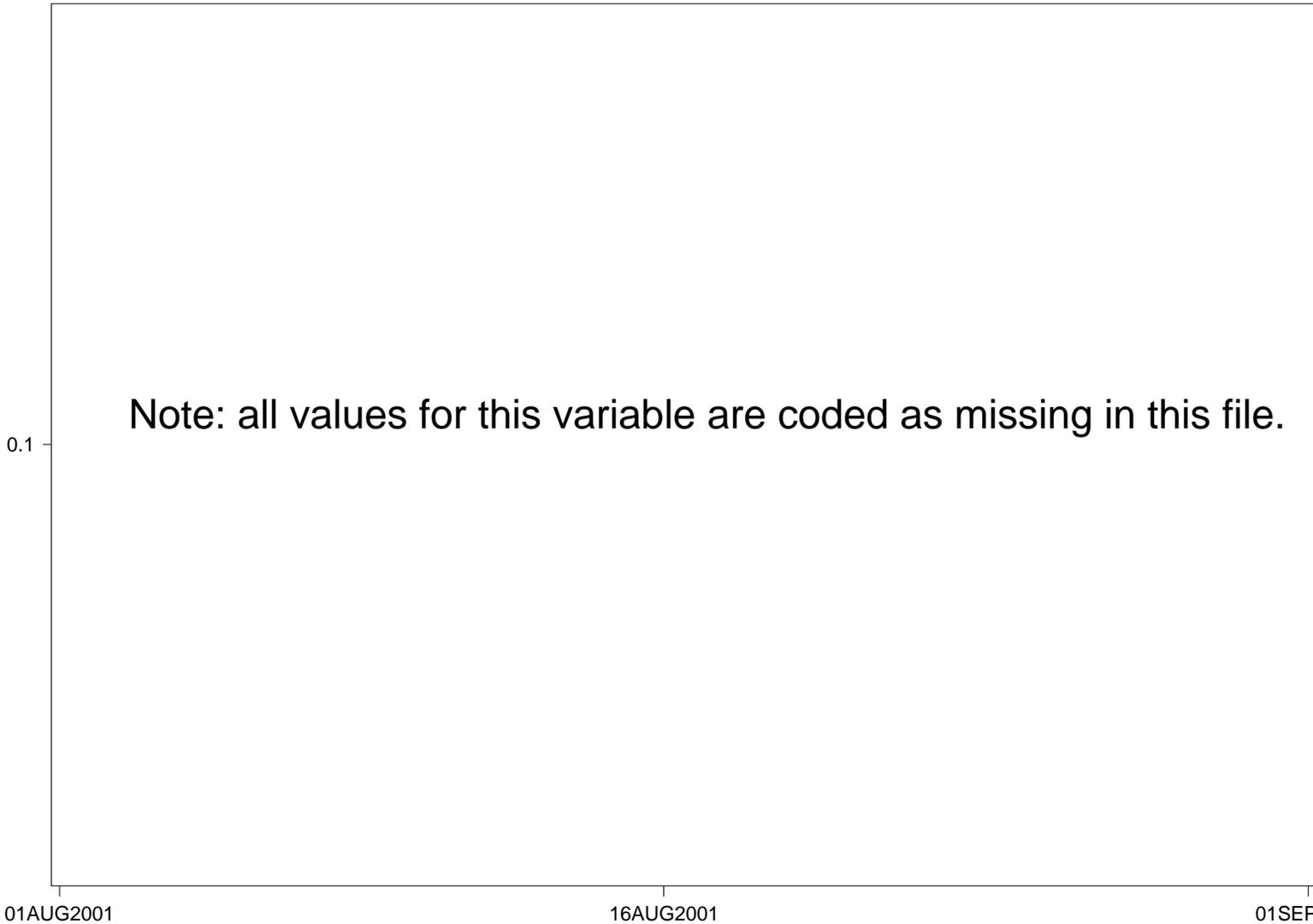
Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

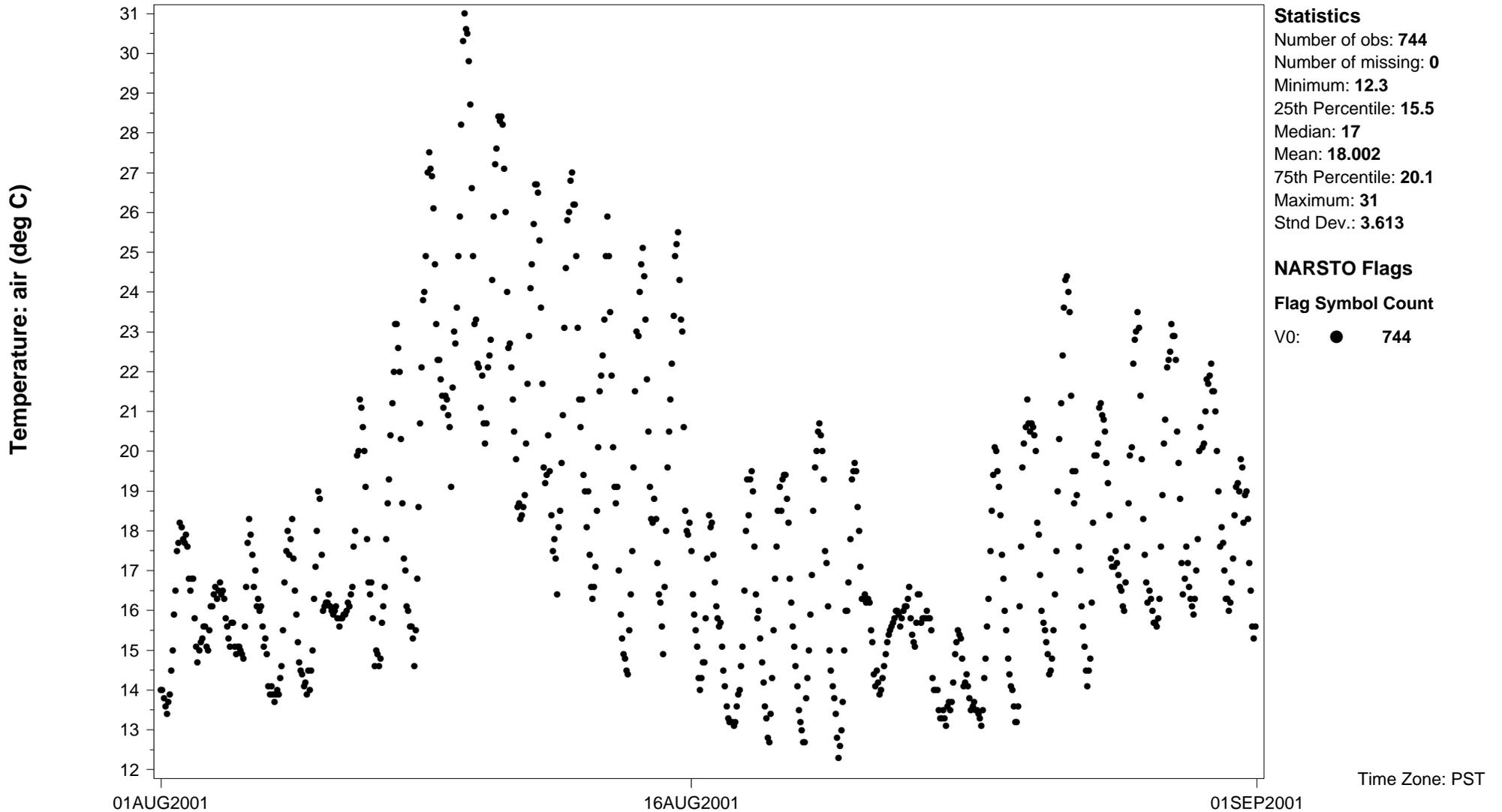
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT018** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



NAtChem Time Series Plot

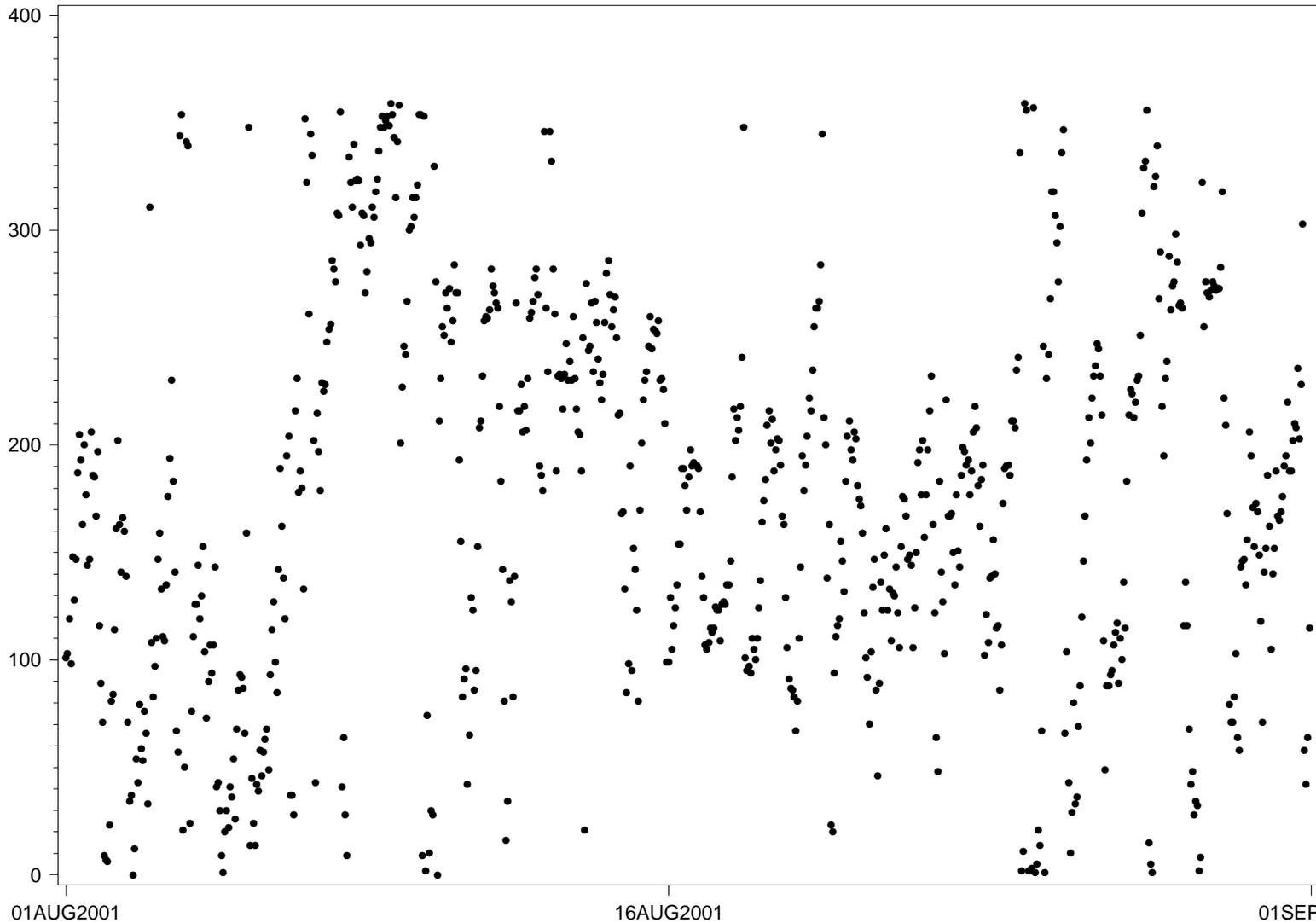
30SEP2004

Site ID: **PC01CABCT018** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **107**  
 Median: **176.5**  
 Mean: **173.608**  
 75th Percentile: **235**  
 Maximum: **359**  
 Stnd Dev.: **90.187**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

NAtChem Time Series Plot

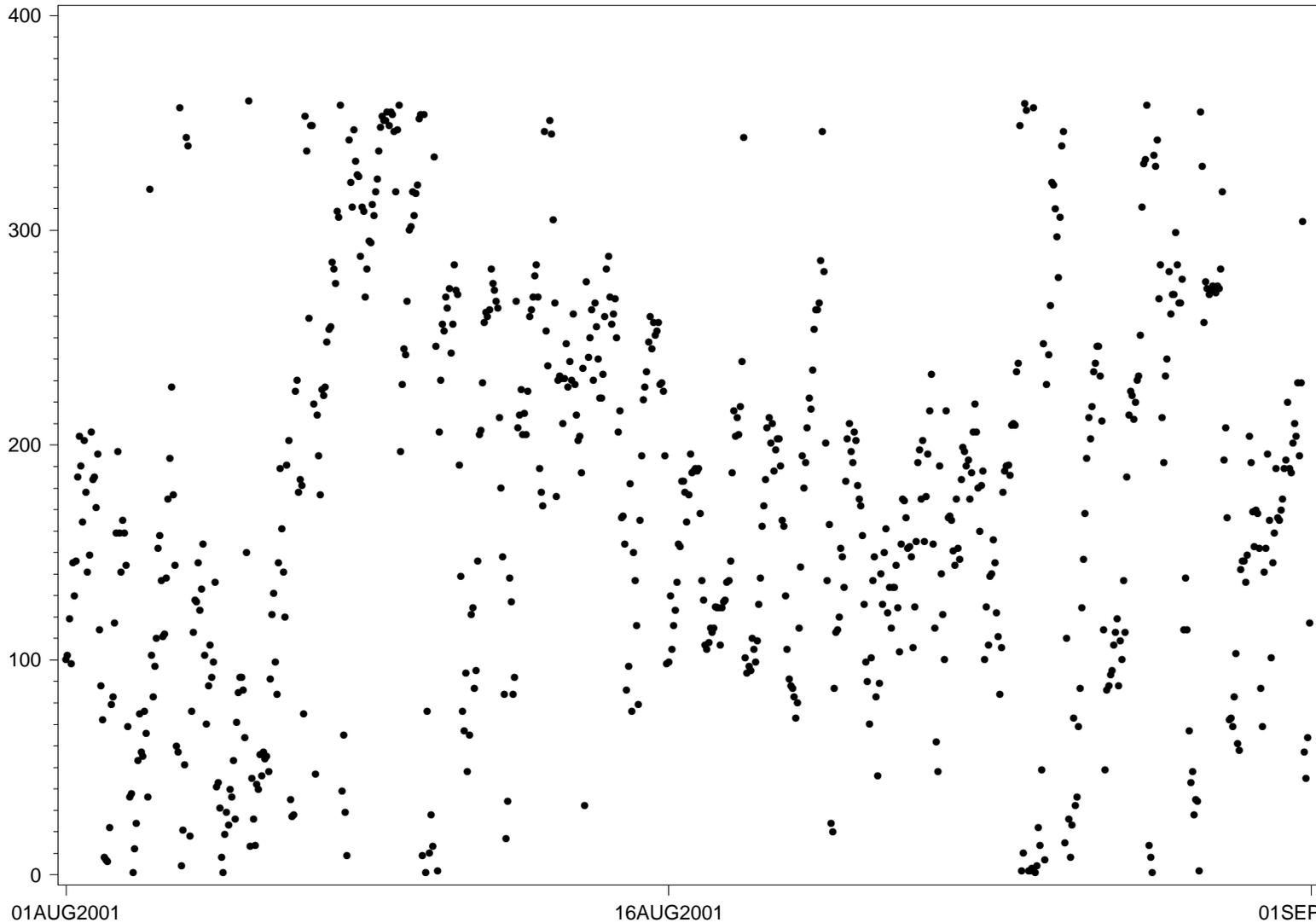
30SEP2004

Site ID: **PC01CABCT018** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



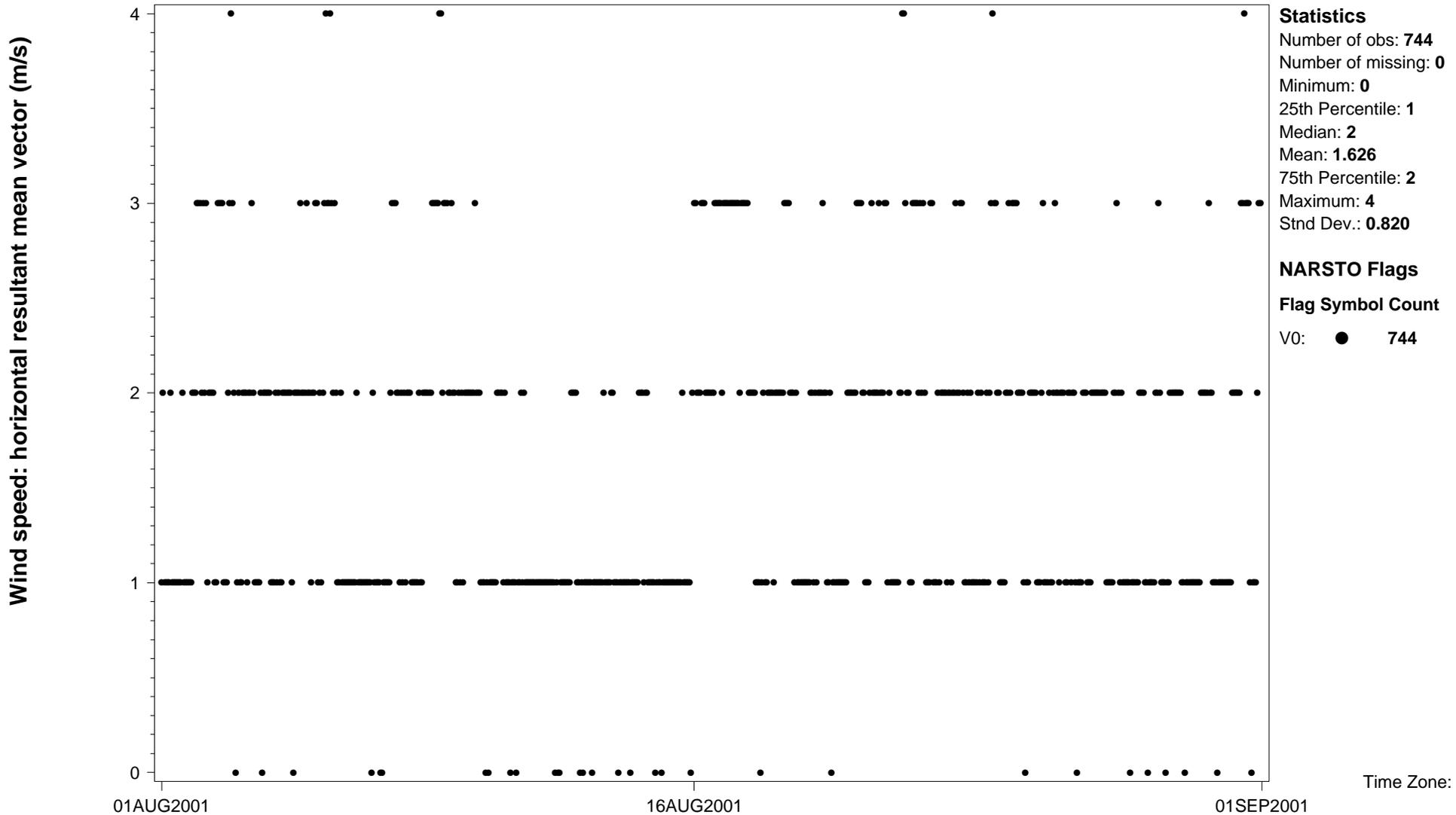
**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **105**  
 Median: **175**  
 Mean: **173.063**  
 75th Percentile: **235.5**  
 Maximum: **360**  
 Stnd Dev.: **91.123**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

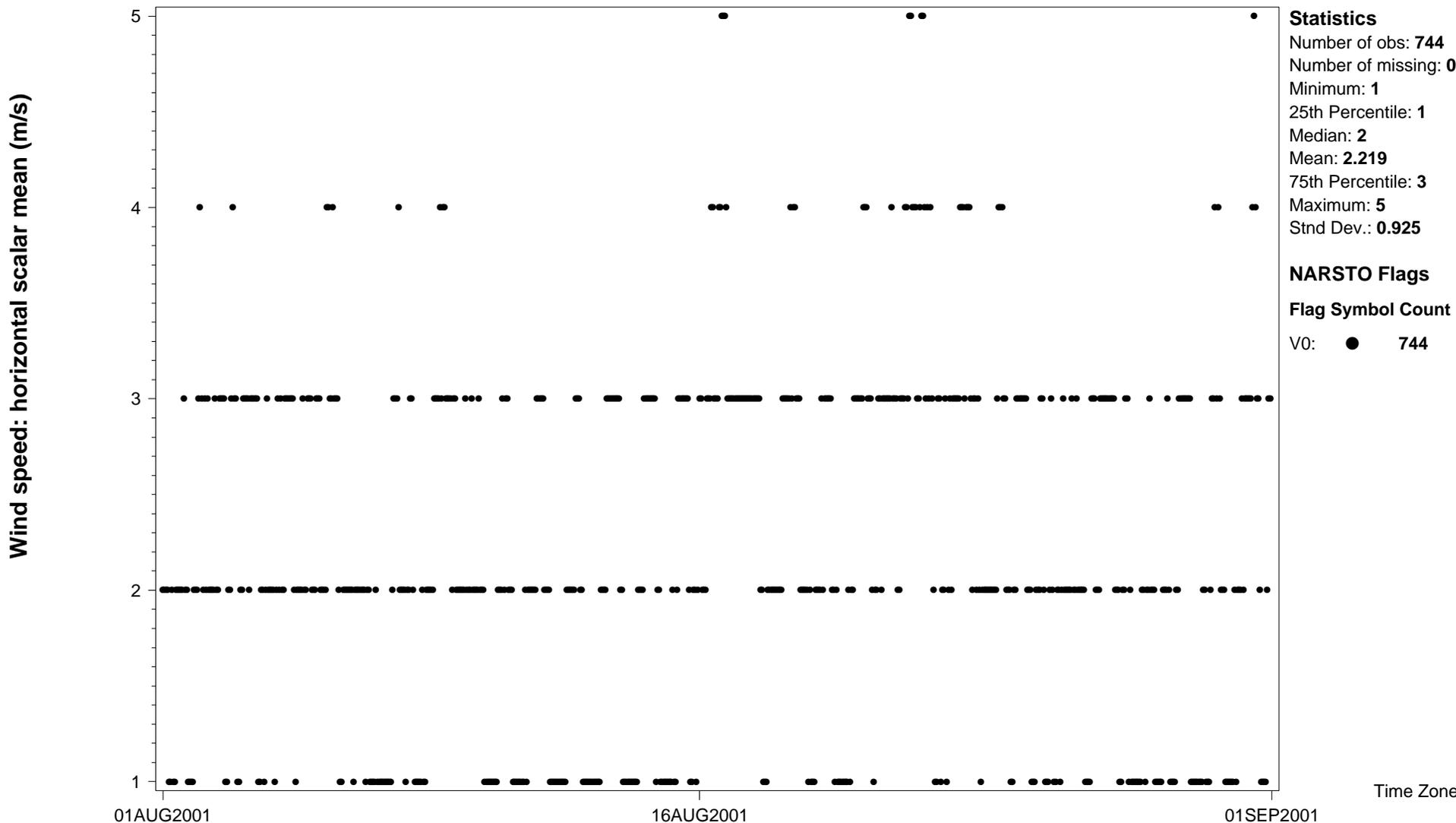
Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



Time Zone: PST

Site ID: **PC01CABCT018** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY SOUTH - 5455 RUMBLE STREET - BURNABY, British Columbia** Latitude: **49.21555556 deg.** Longitude: **-122.9825 deg.** Start Date: **9999-12-31**



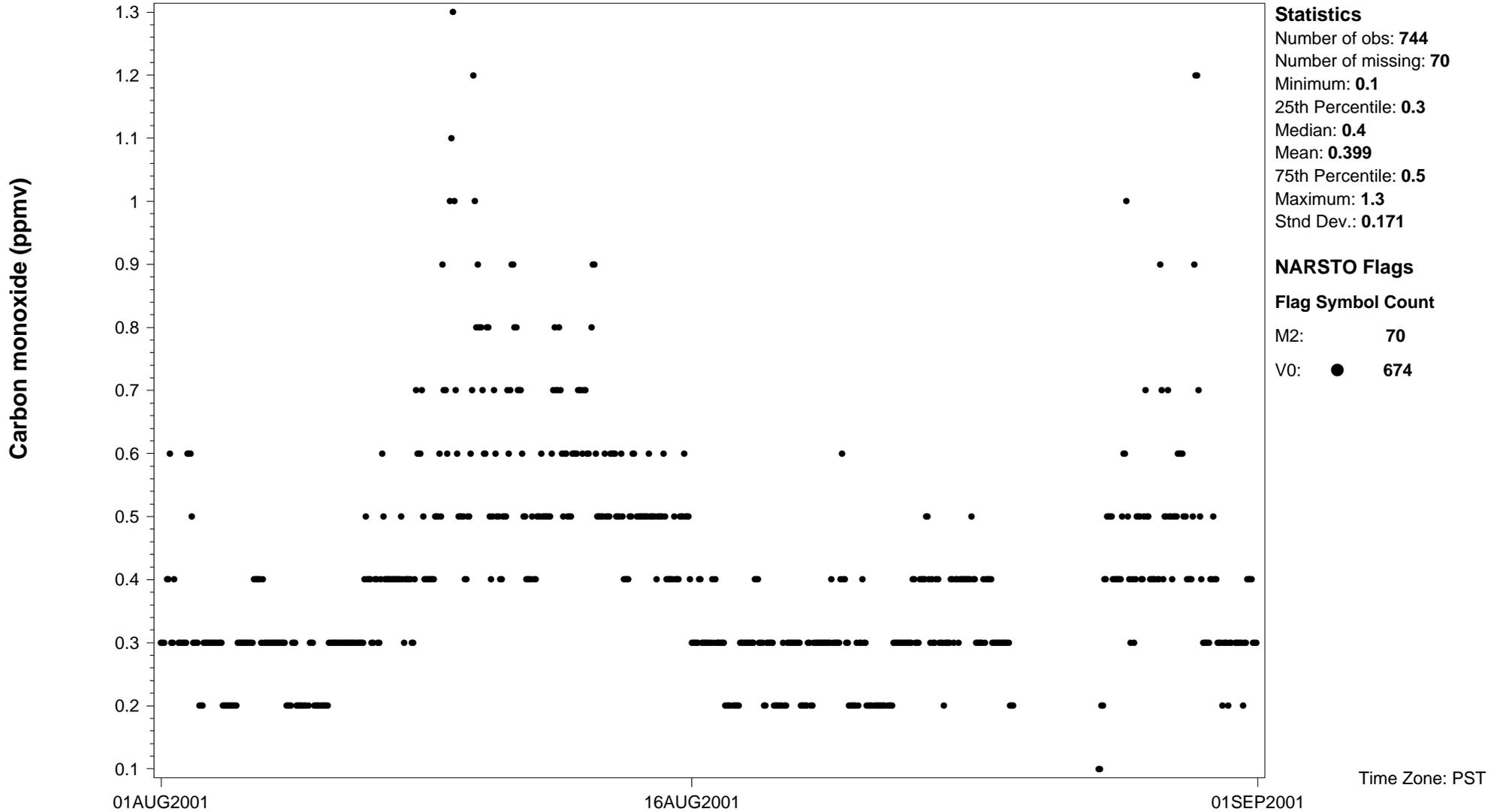
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

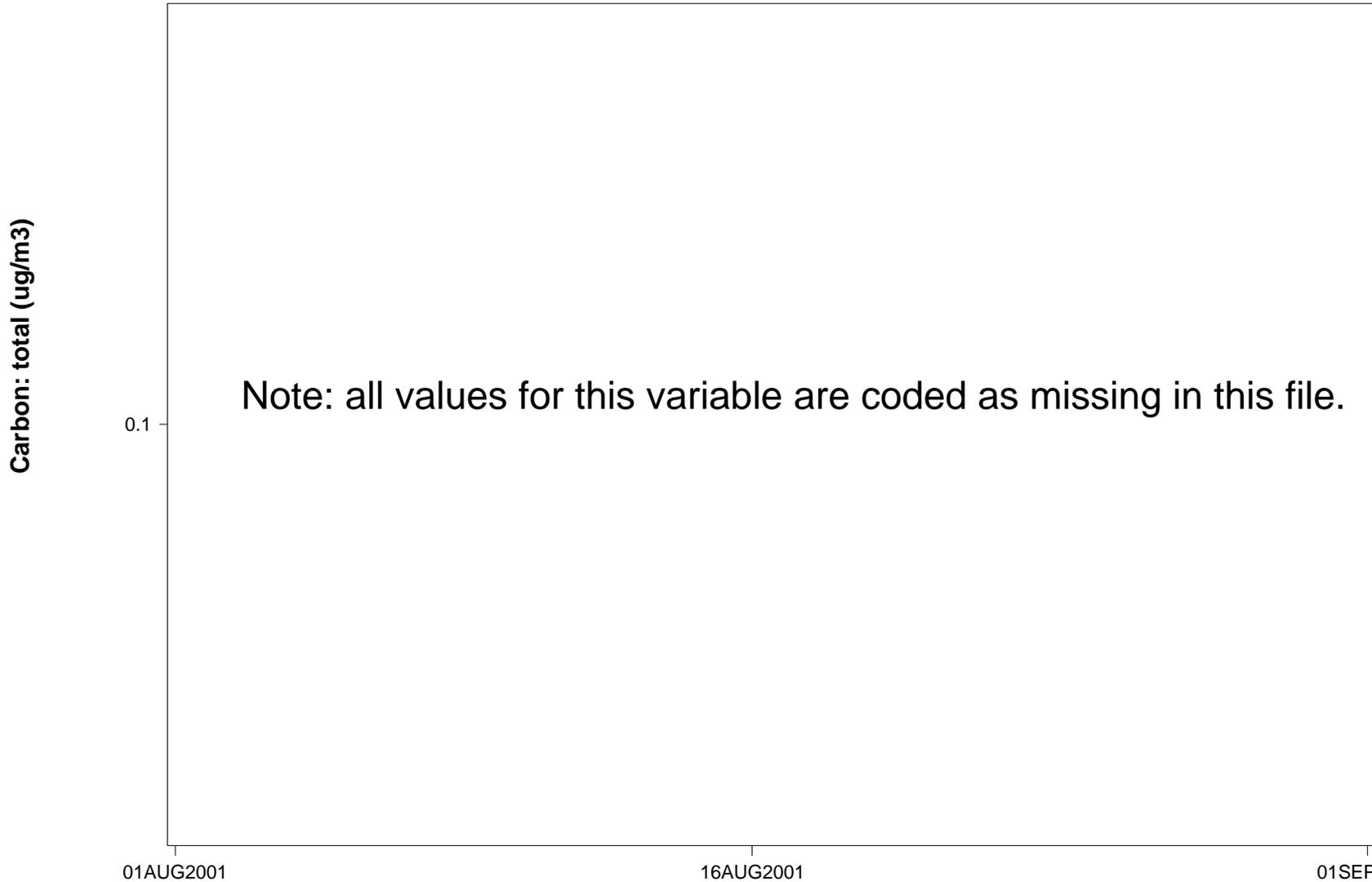
Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



Site ID: **PC01CABCT020** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

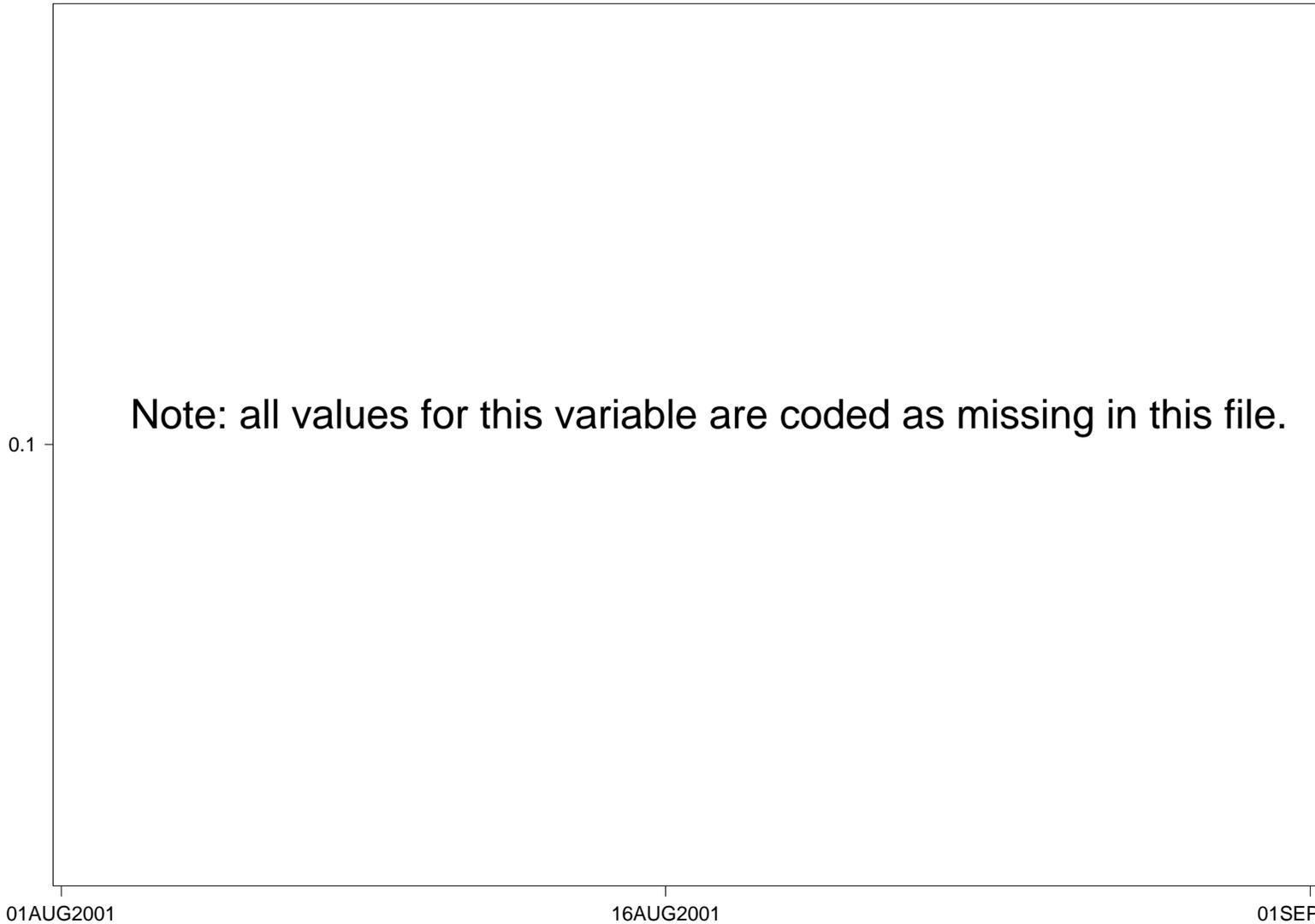
Time Zone: PST

Site ID: **PC01CABCT020** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

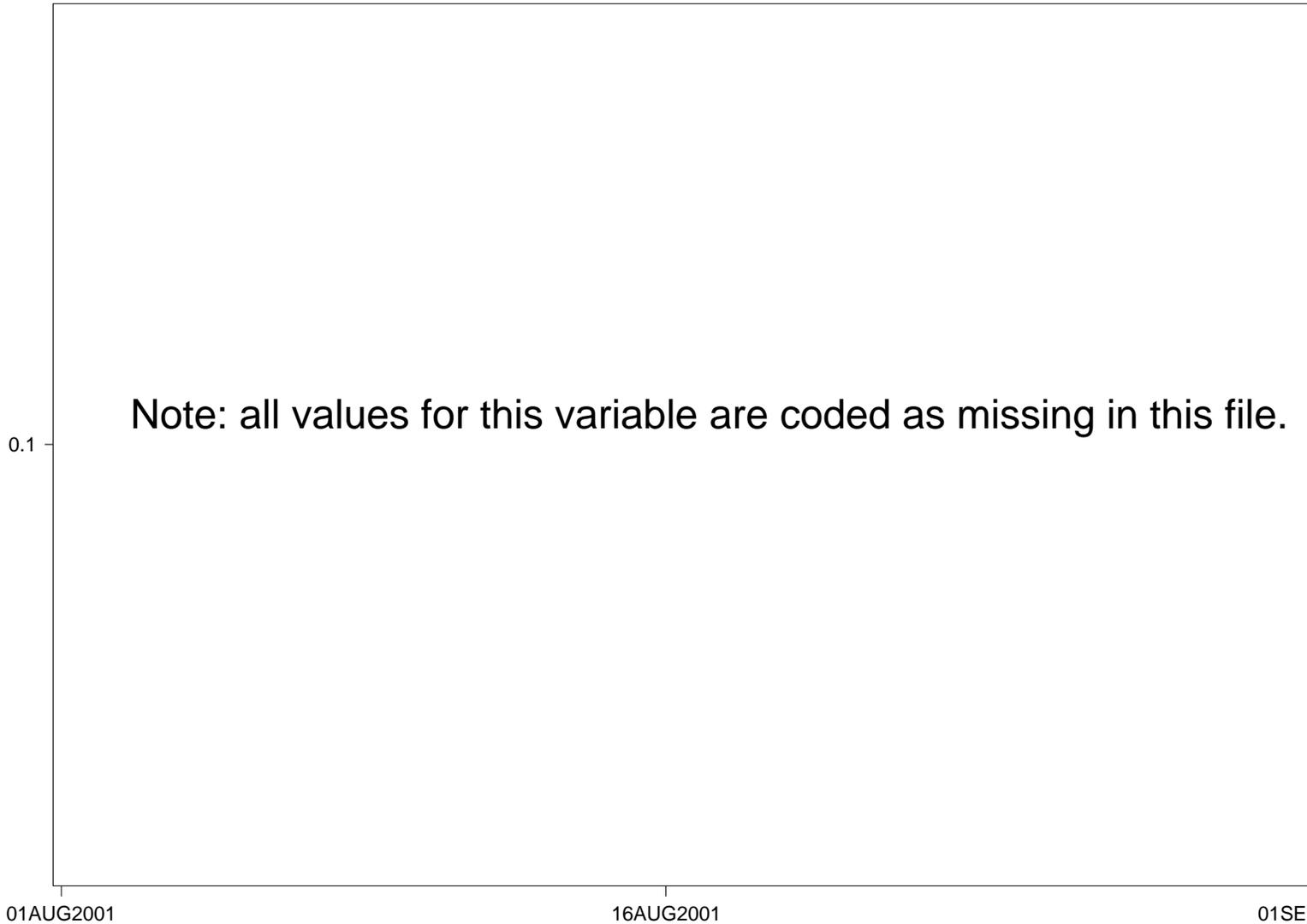
Time Zone: PST

Site ID: **PC01CABCT020** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

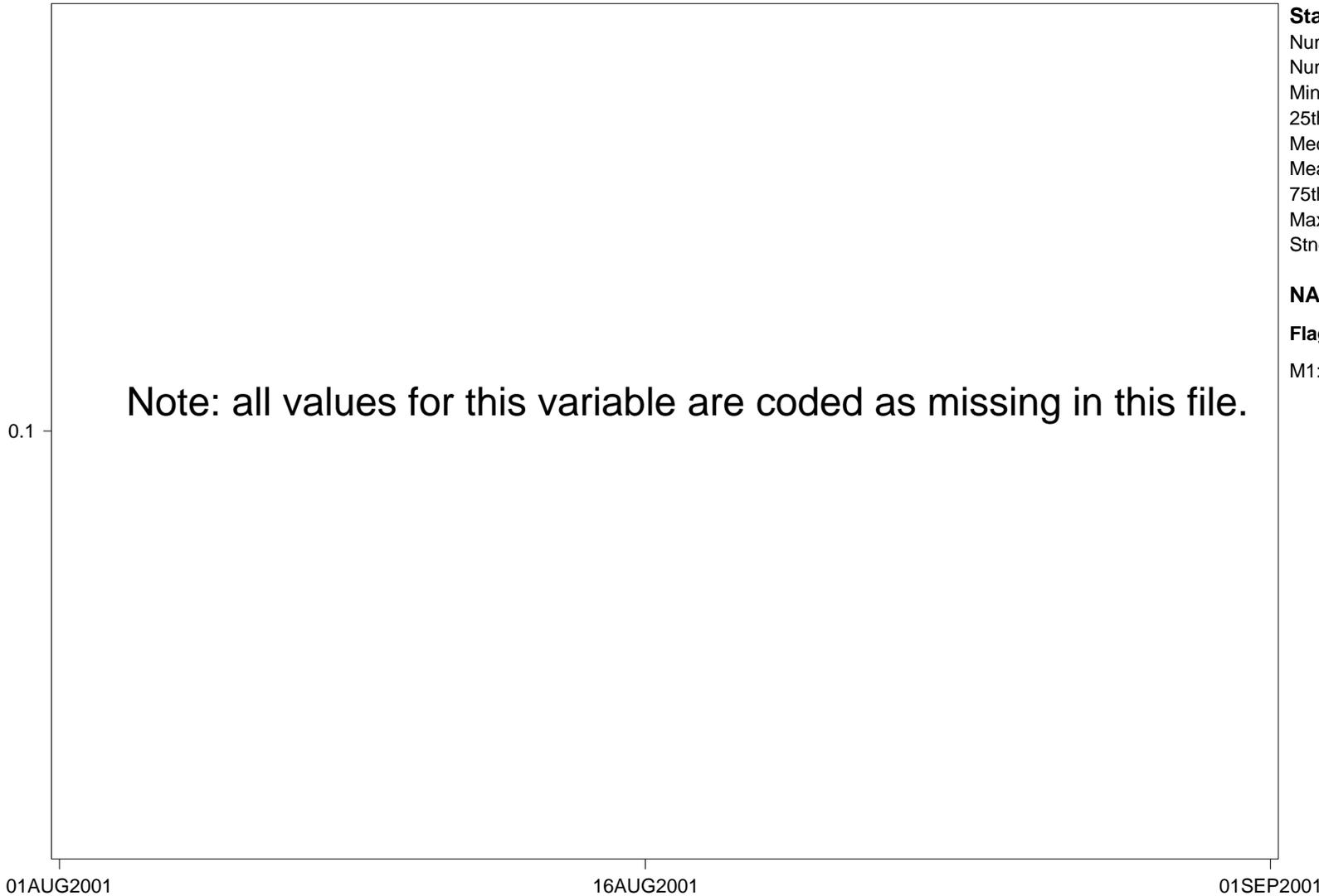
Time Zone: PST

Site ID: **PC01CABCT020** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

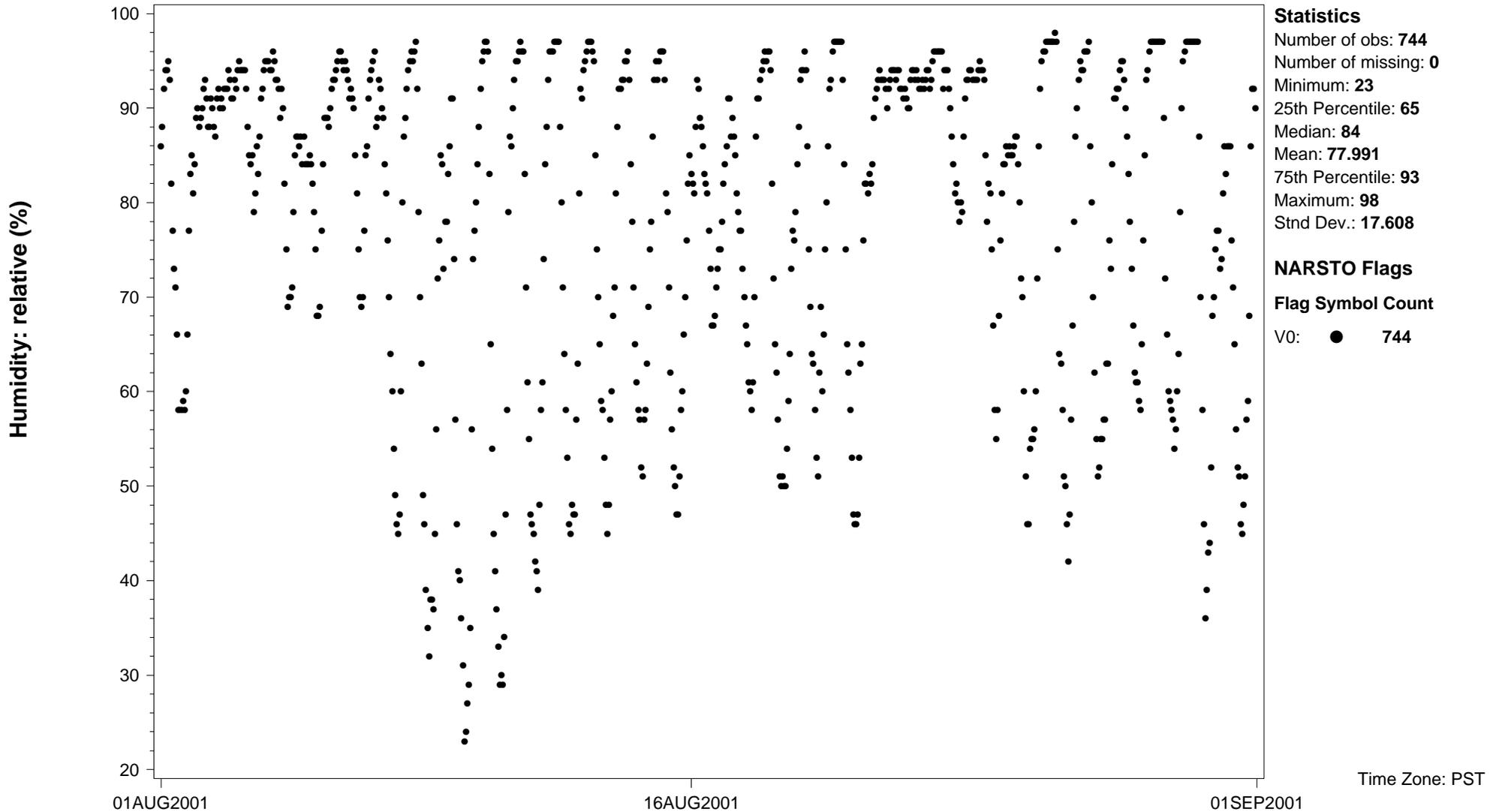
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



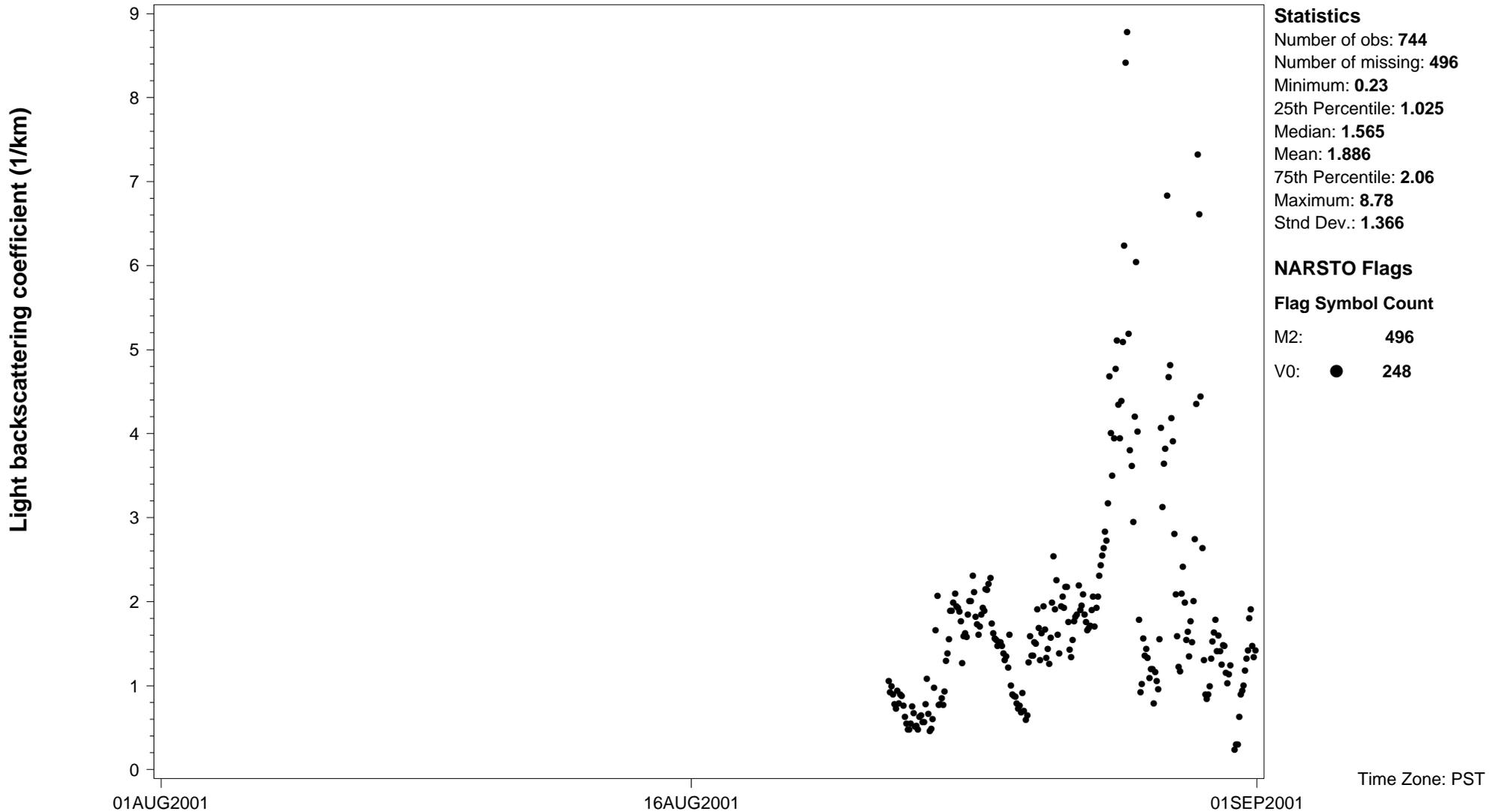
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



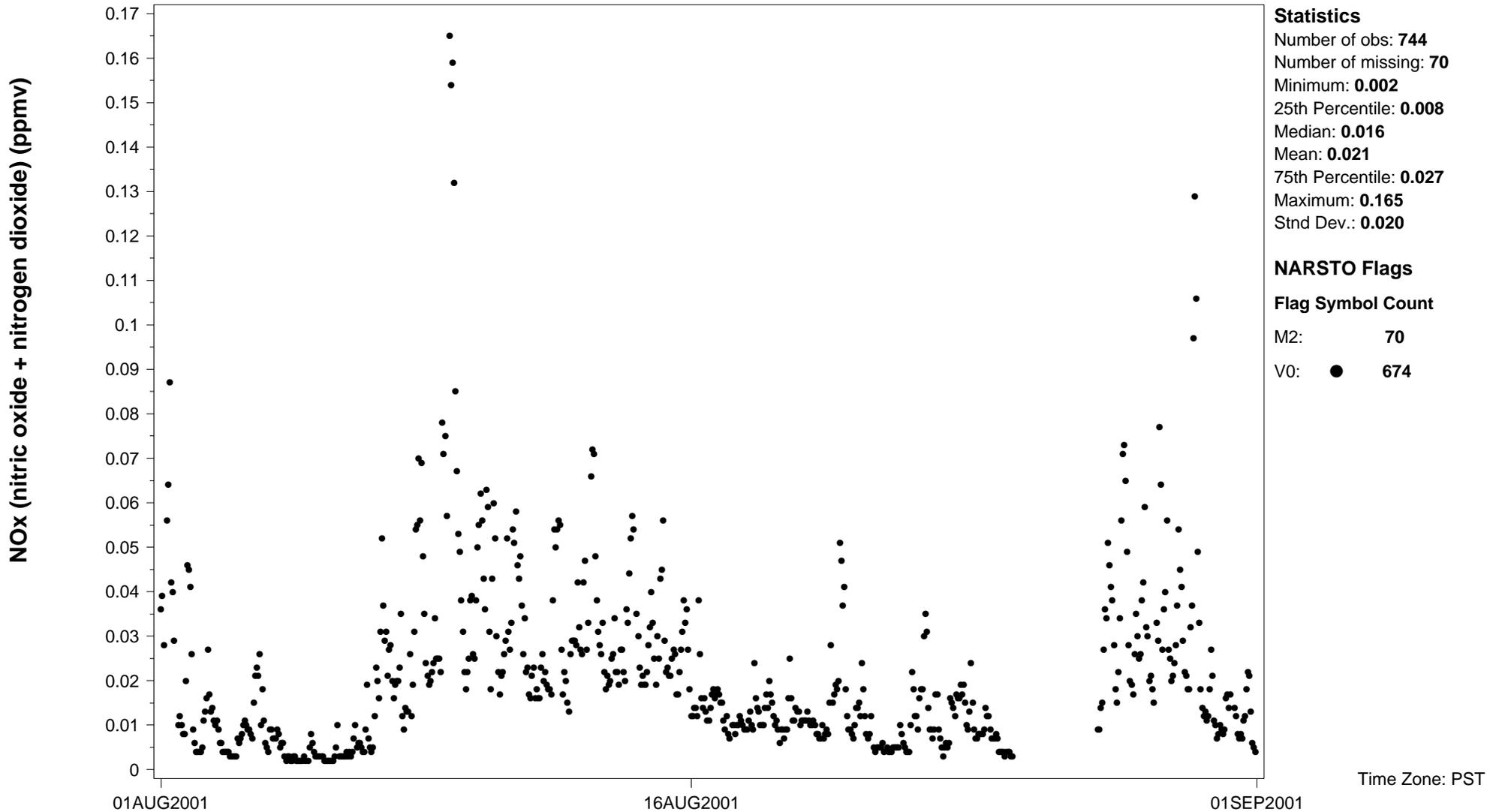
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



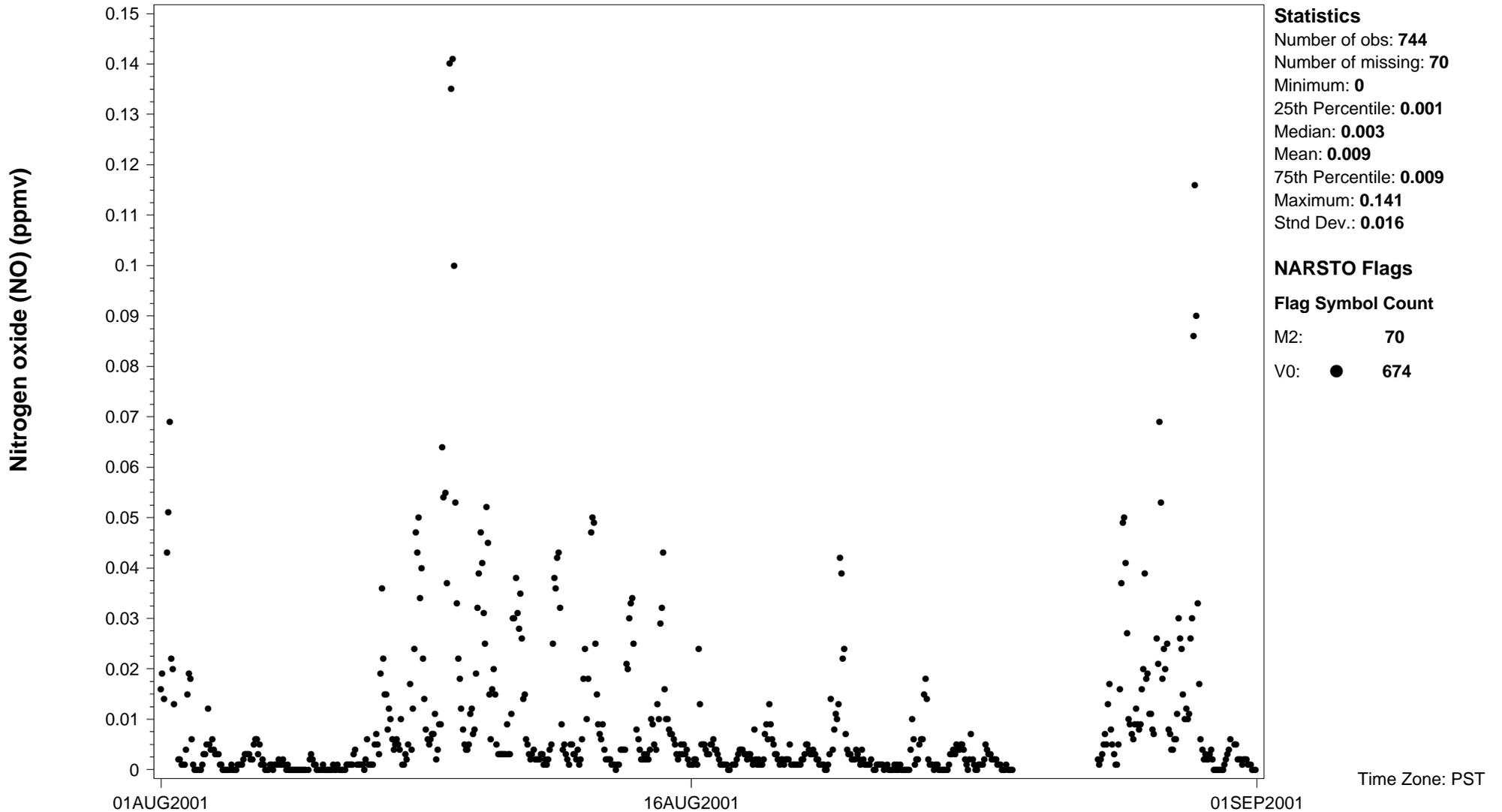
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

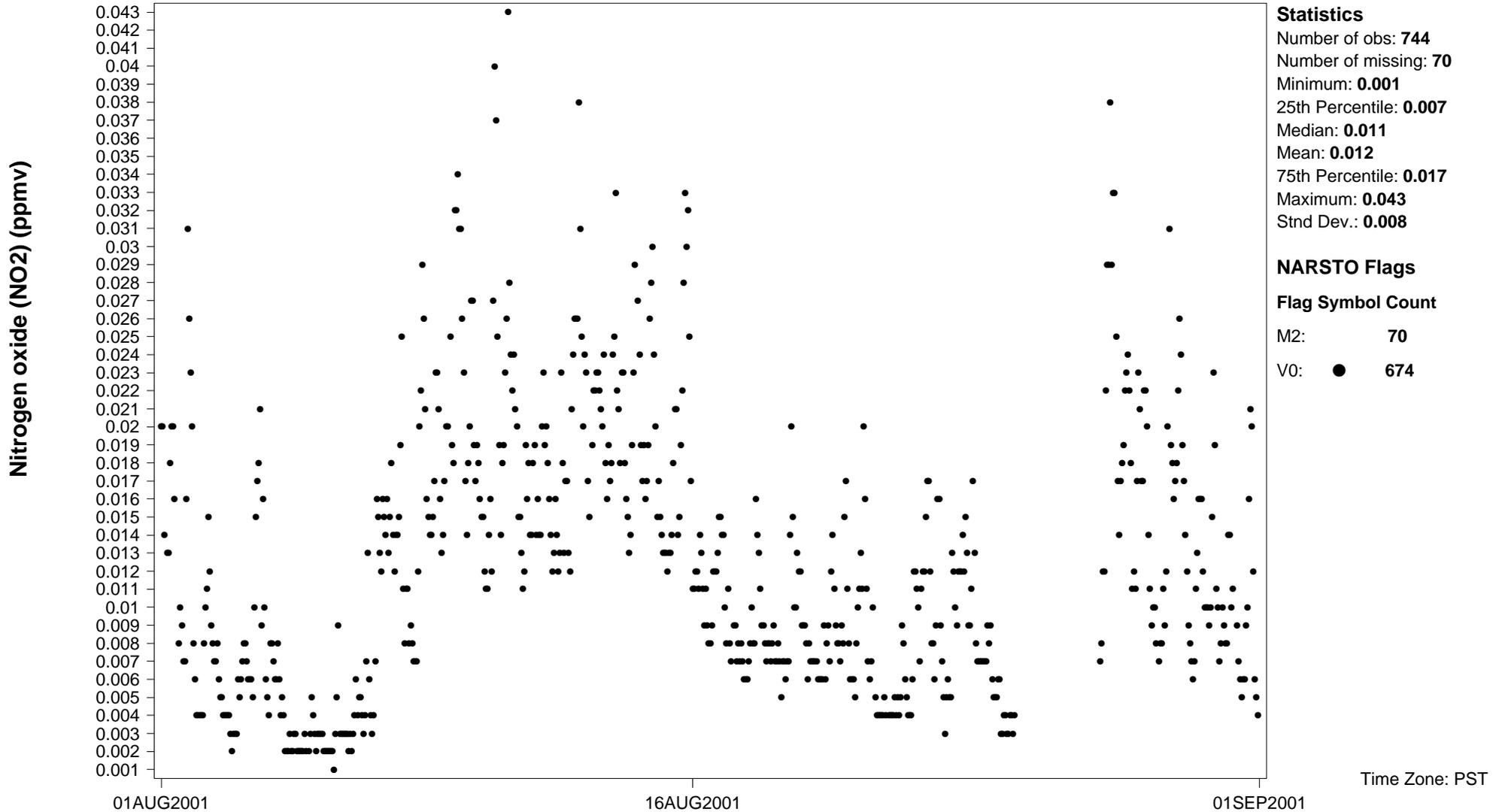


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



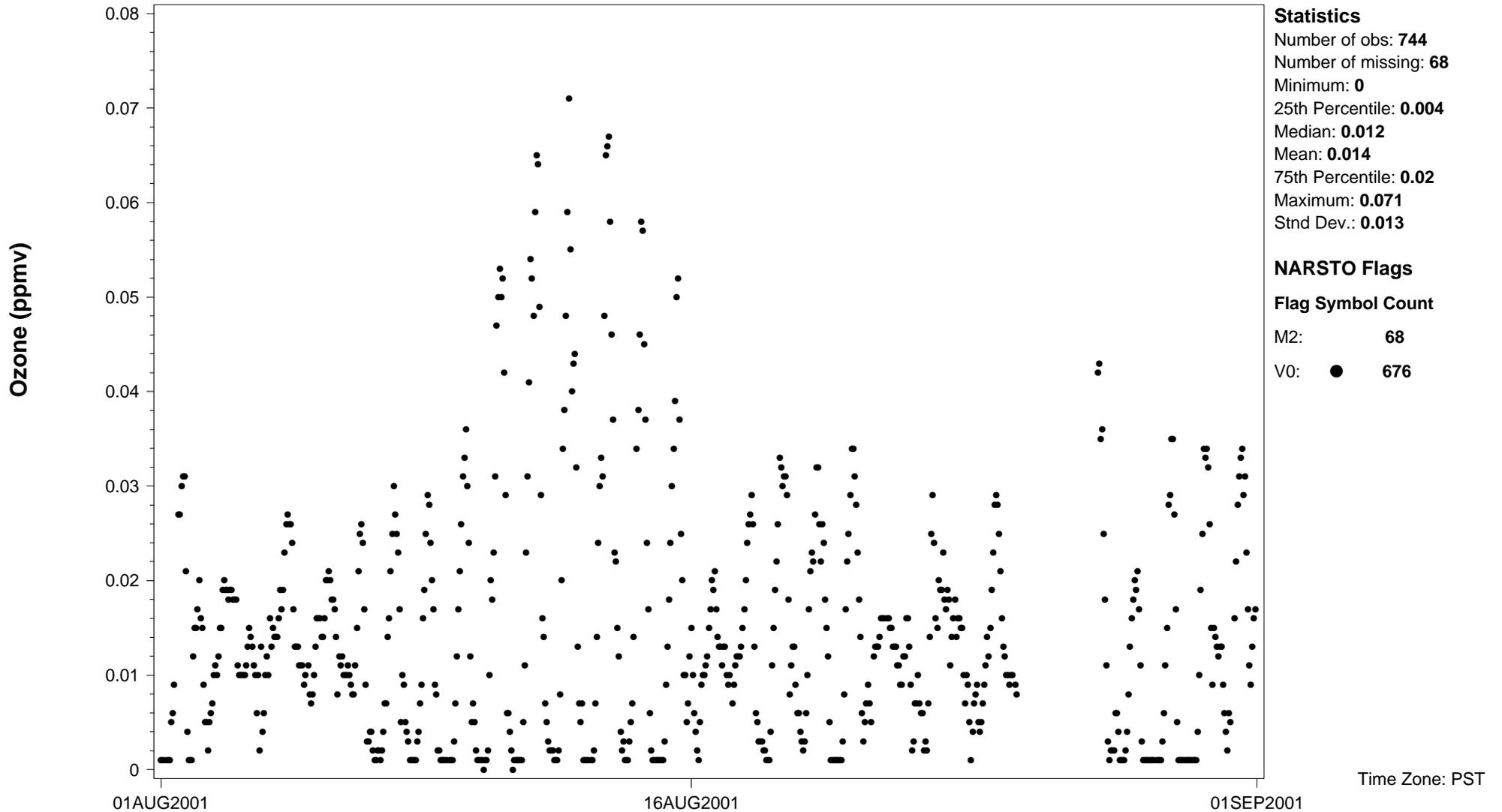
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



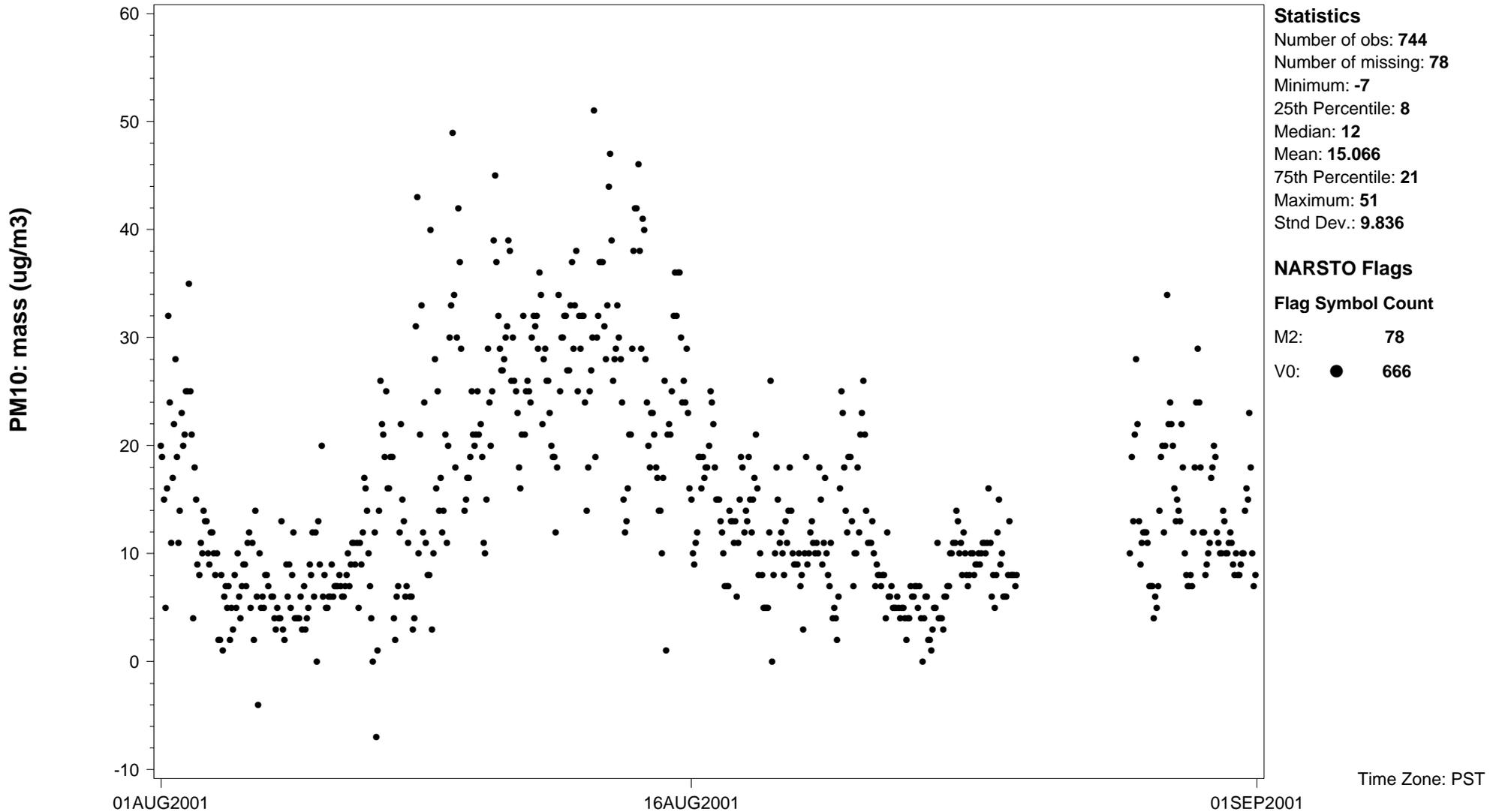
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



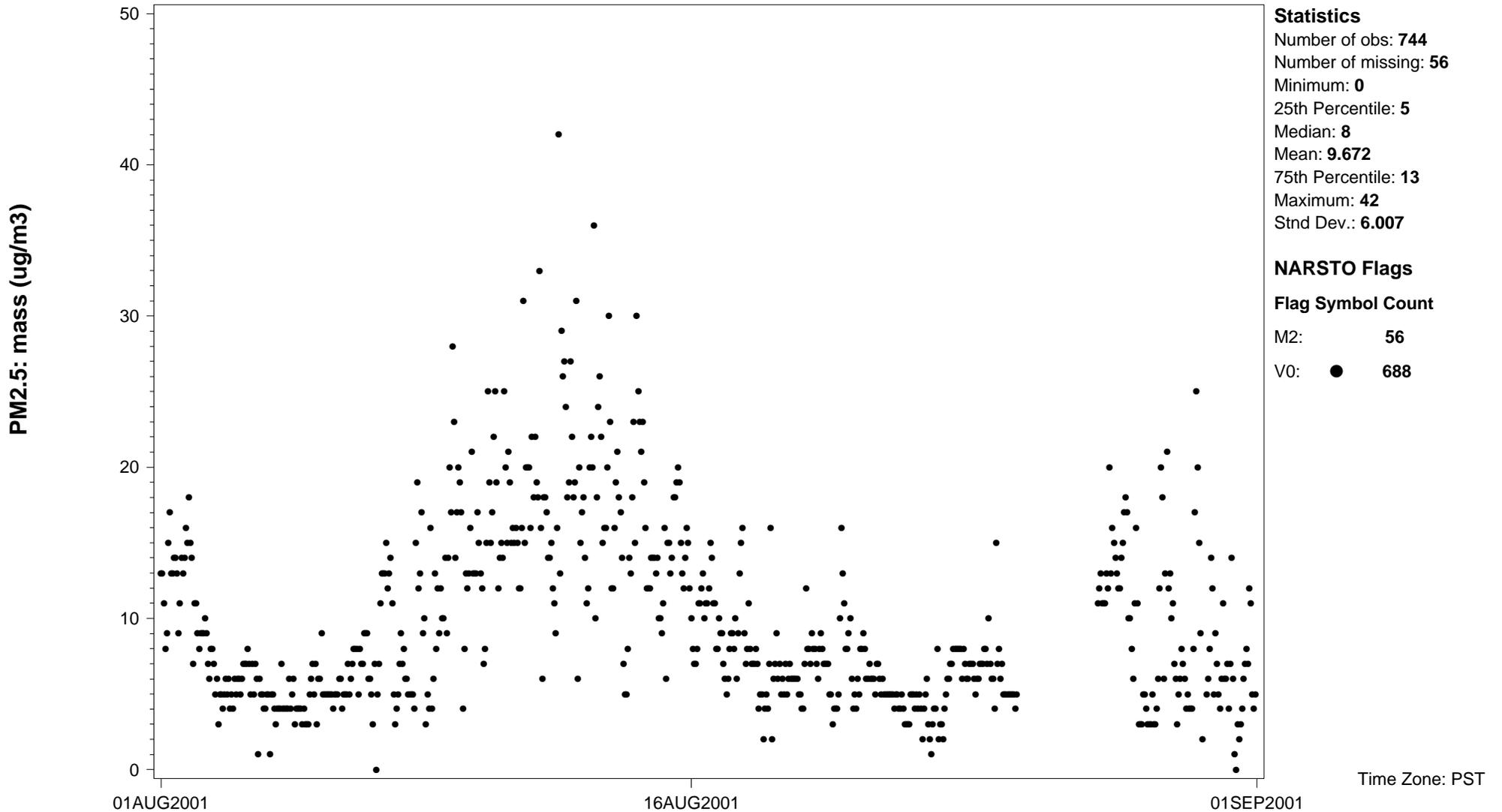
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



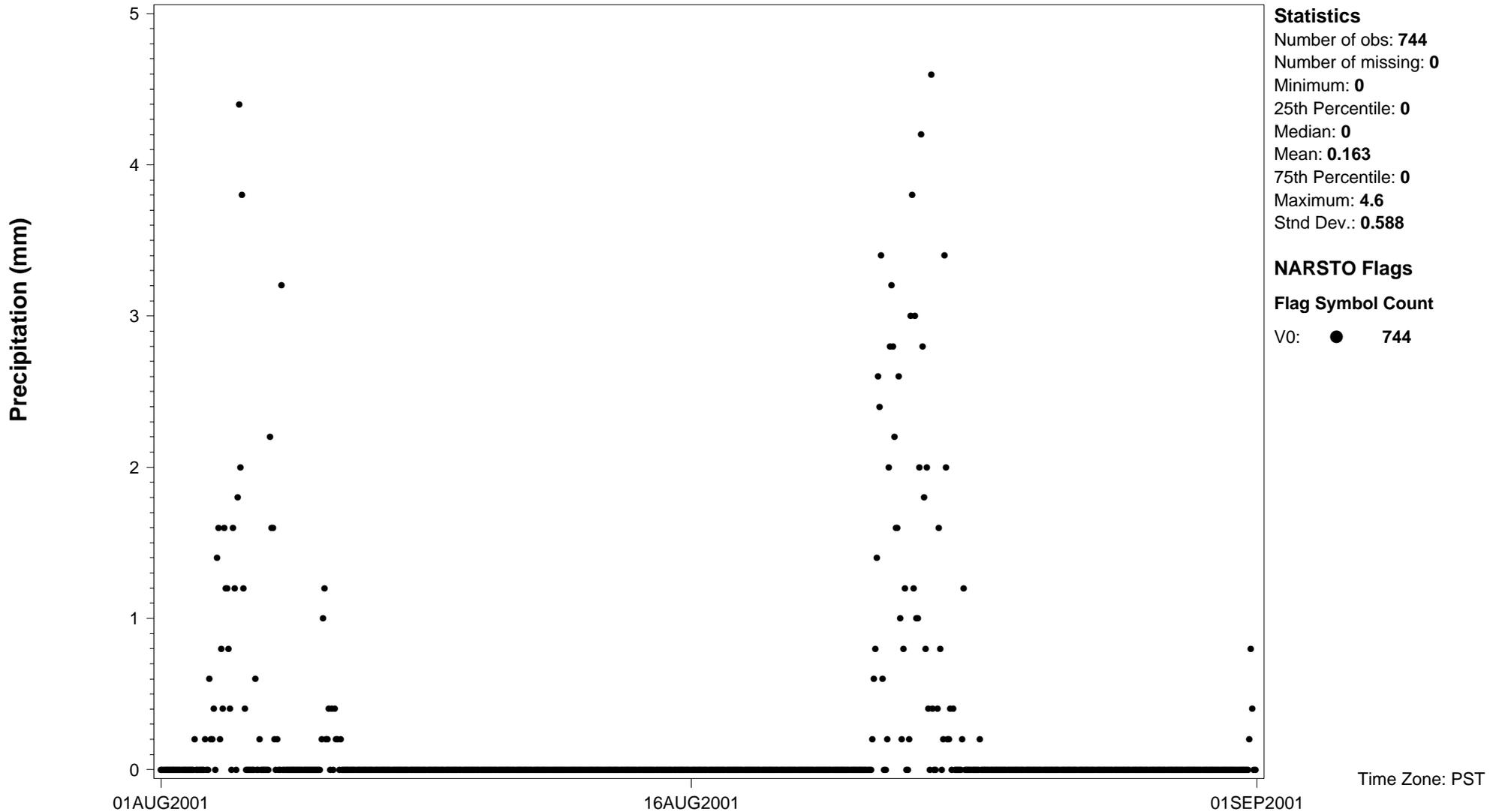
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

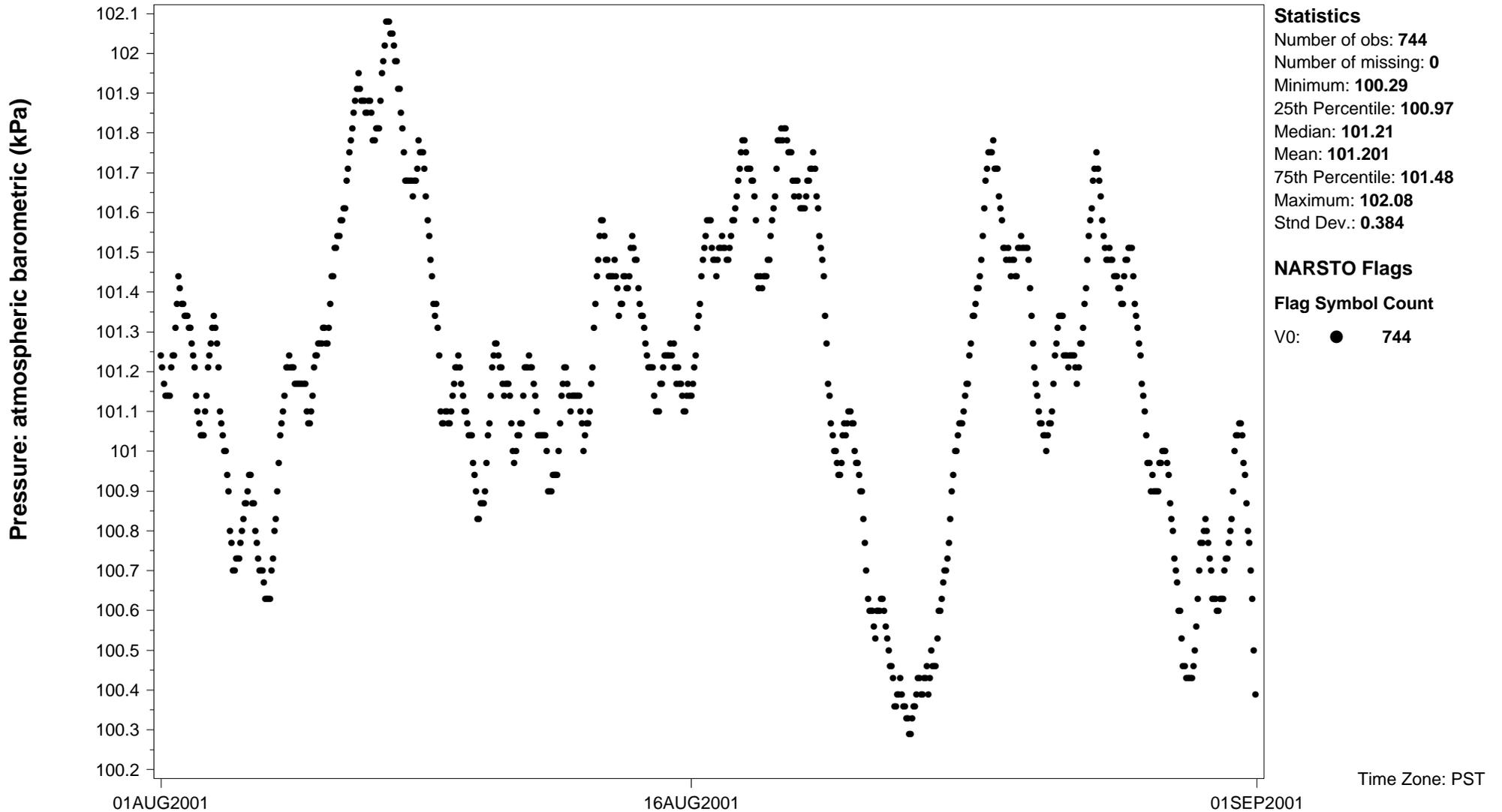


# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

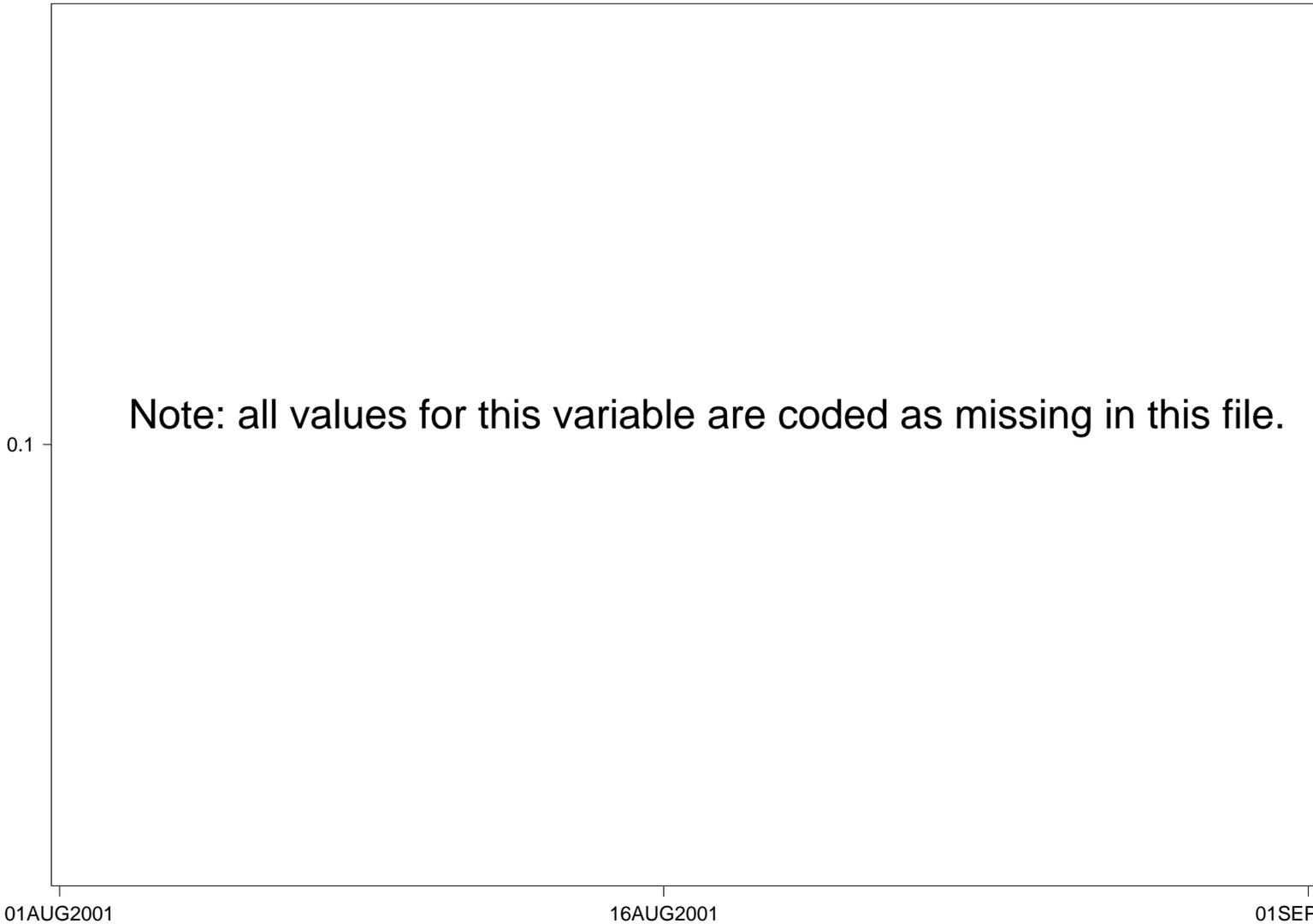
Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



Site ID: **PC01CABCT020** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

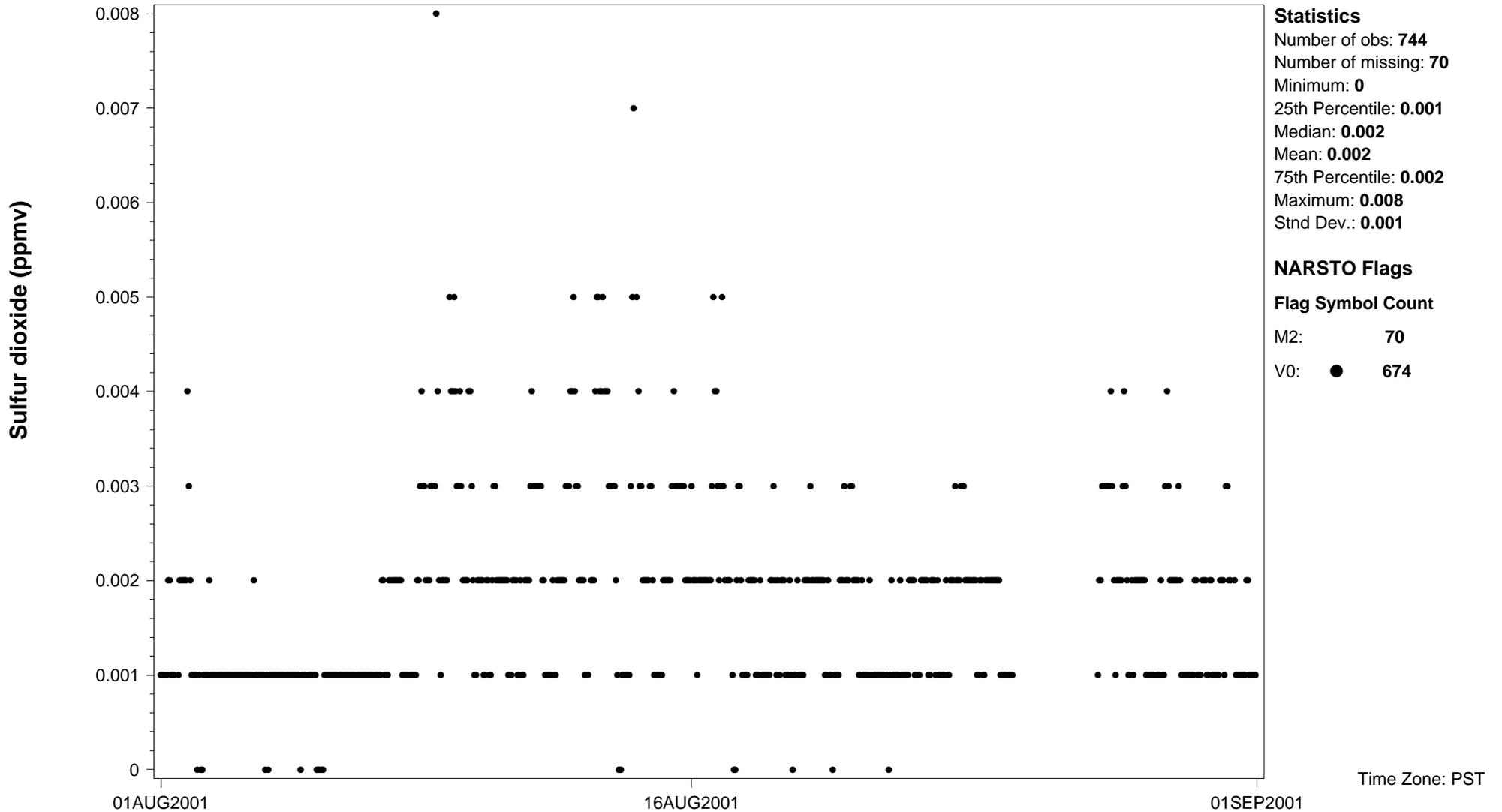
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

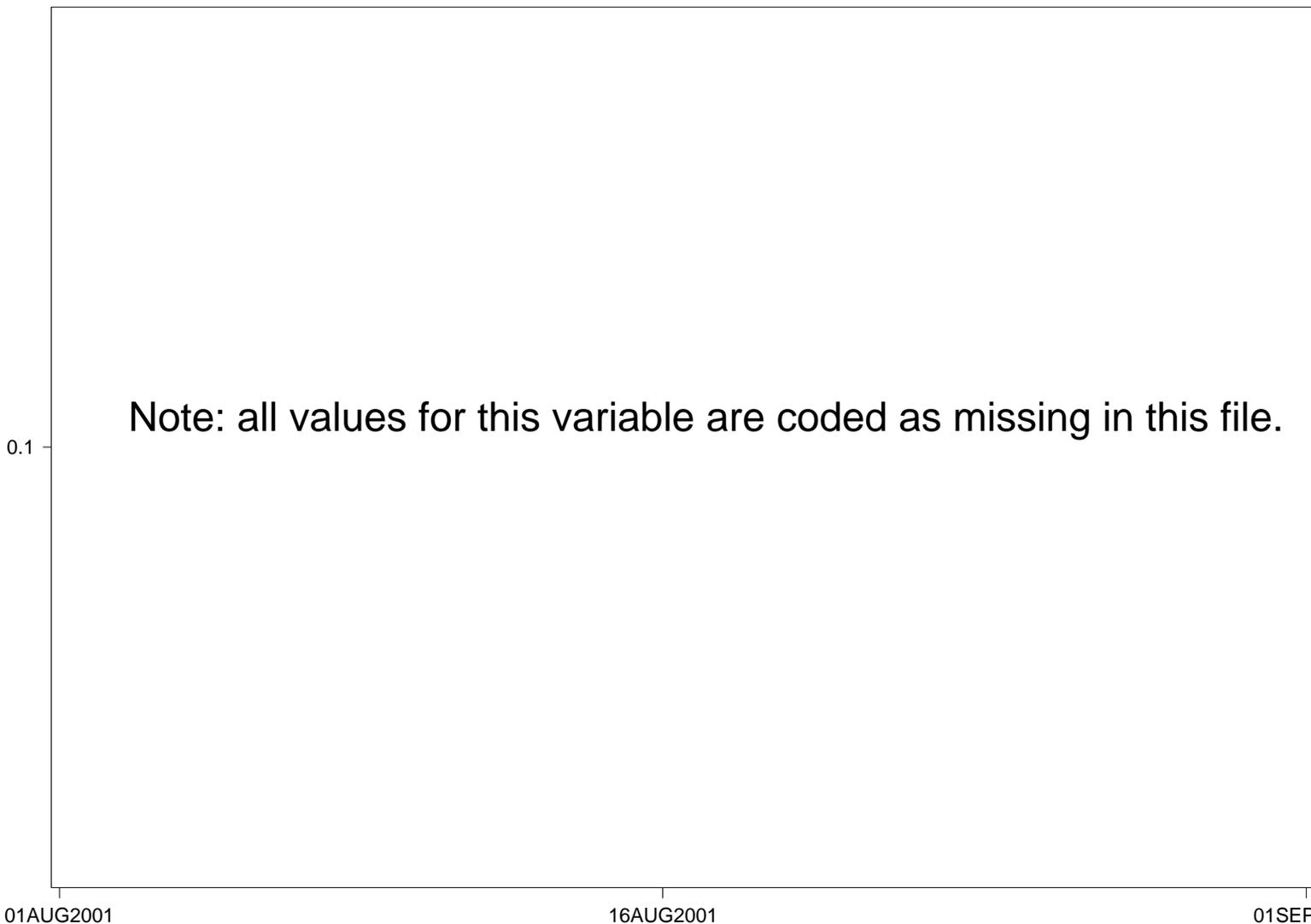
Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



Site ID: **PC01CABCT020** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

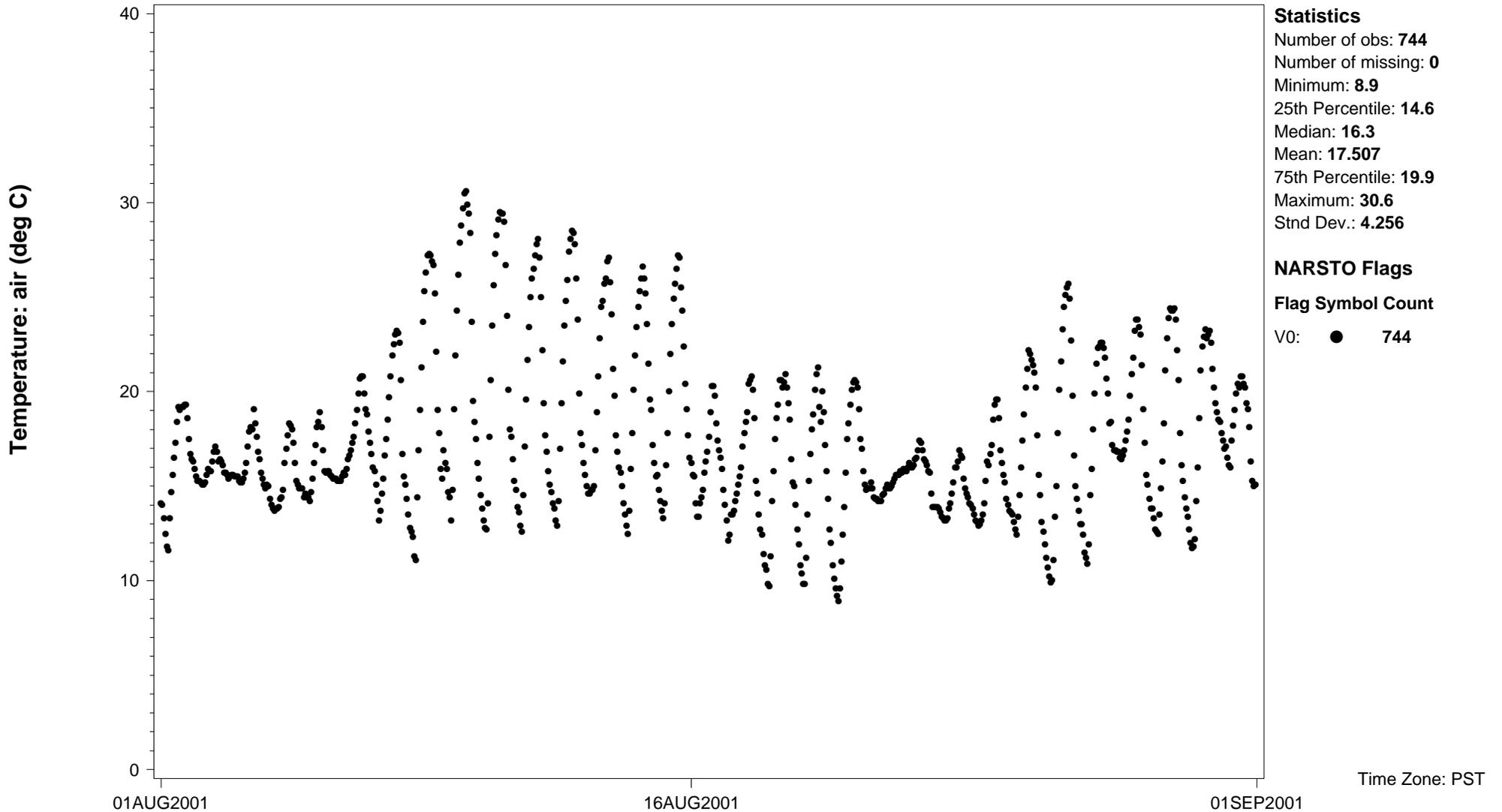
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**



# NAtChem Time Series Plot

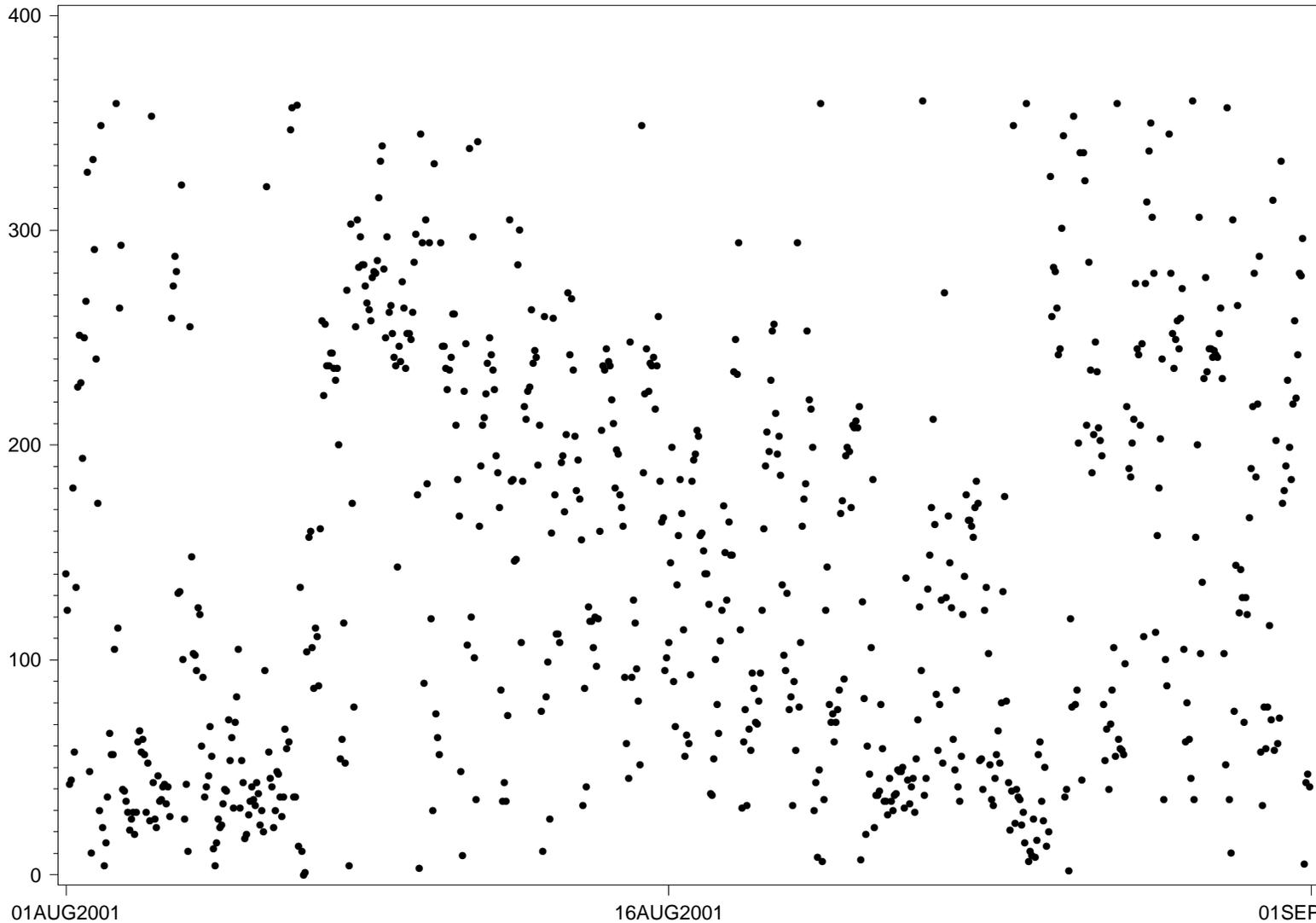
30SEP2004

Site ID: **PC01CABCT020** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Wind direction: horizontal mean scalar (decimal degree)



## Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **0**  
25th Percentile: **54.5**  
Median: **130**  
Mean: **145.636**  
75th Percentile: **234.5**  
Maximum: **360**  
Std Dev.: **97.493**

## NARSTO Flags

Flag Symbol Count  
V0: ● 744

Time Zone: PST

NAtChem Time Series Plot

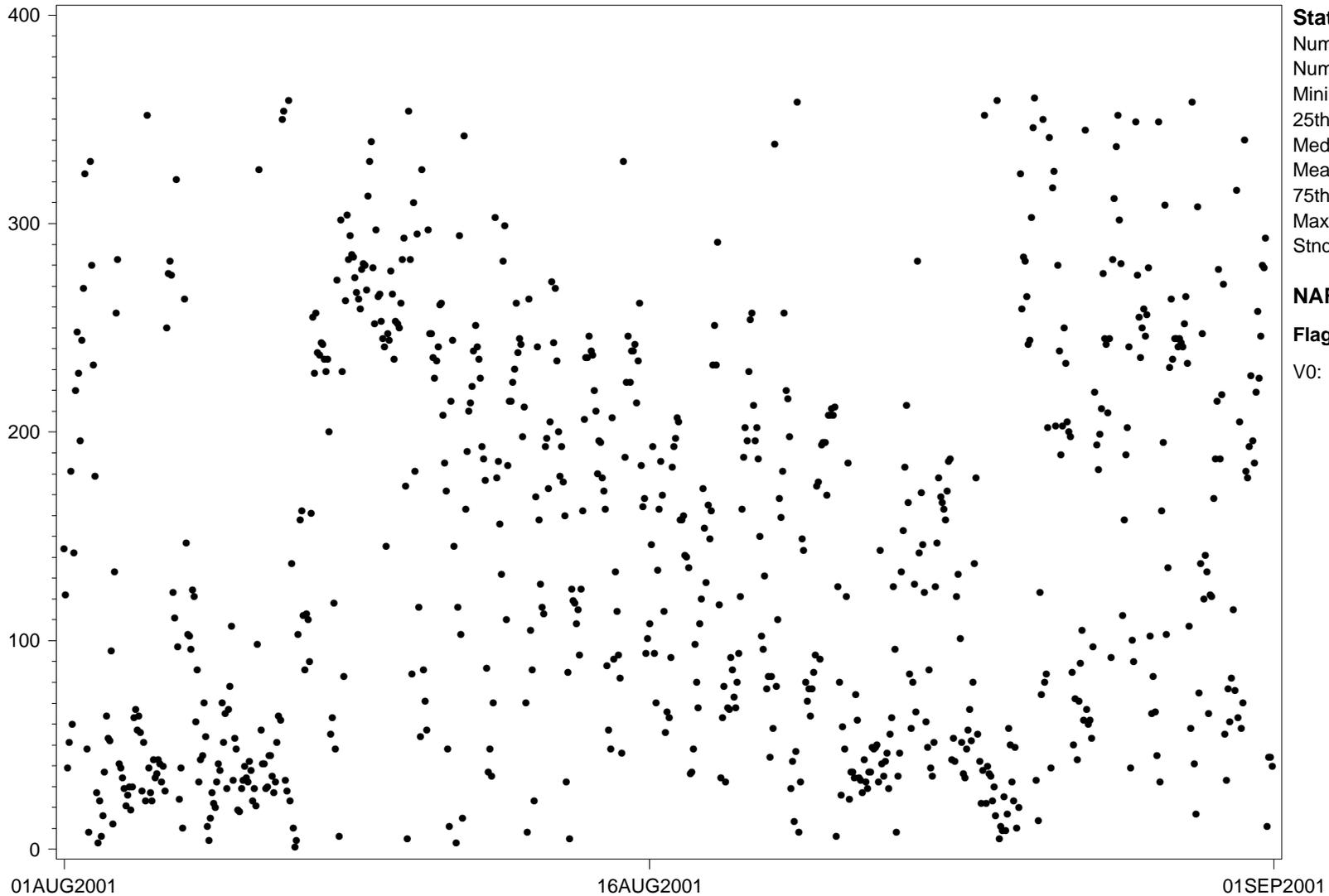
30SEP2004

Site ID: **PC01CABCT020** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

Wind direction: horizontal resultant mean vector (decimal degree)



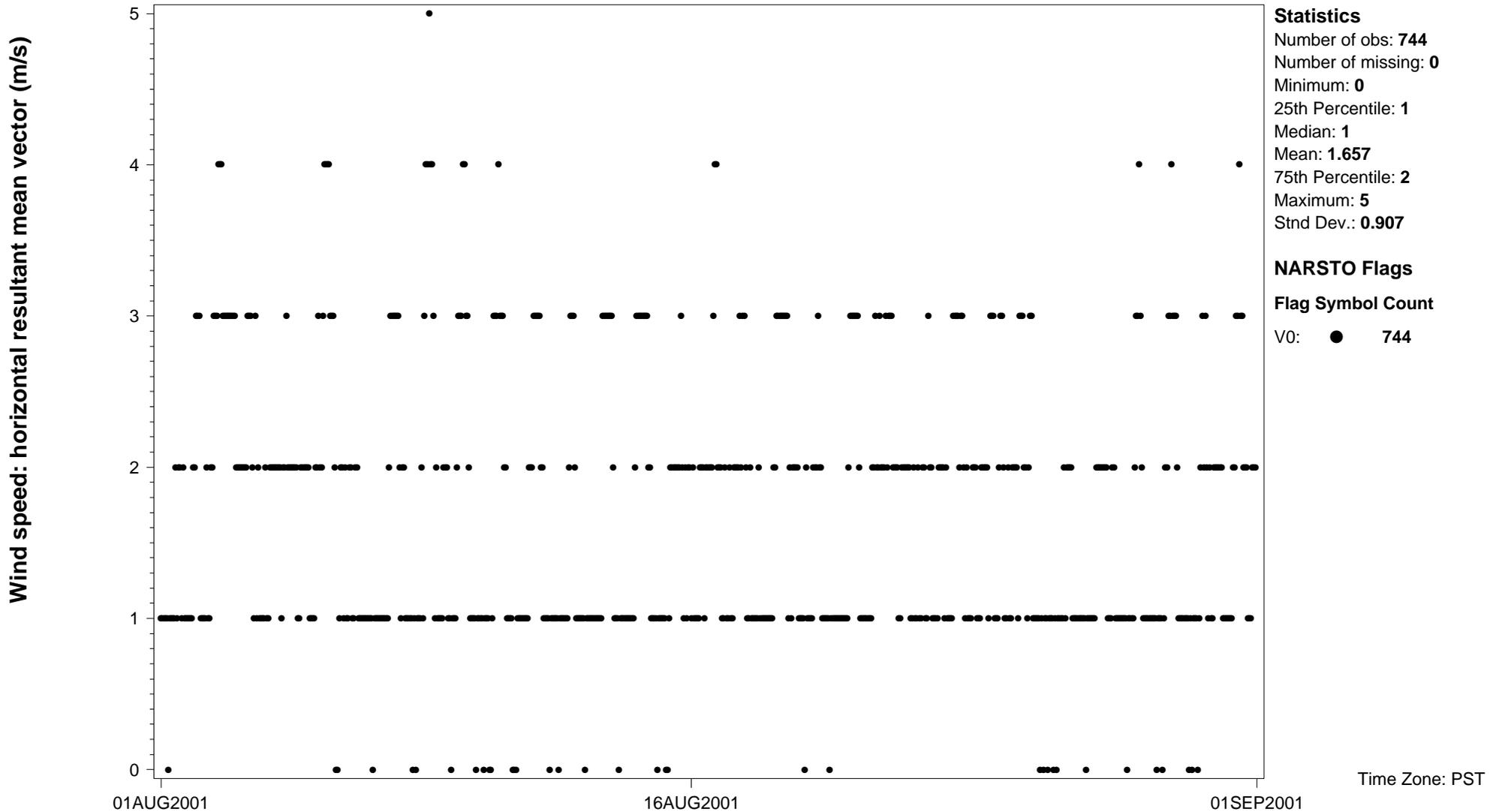
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

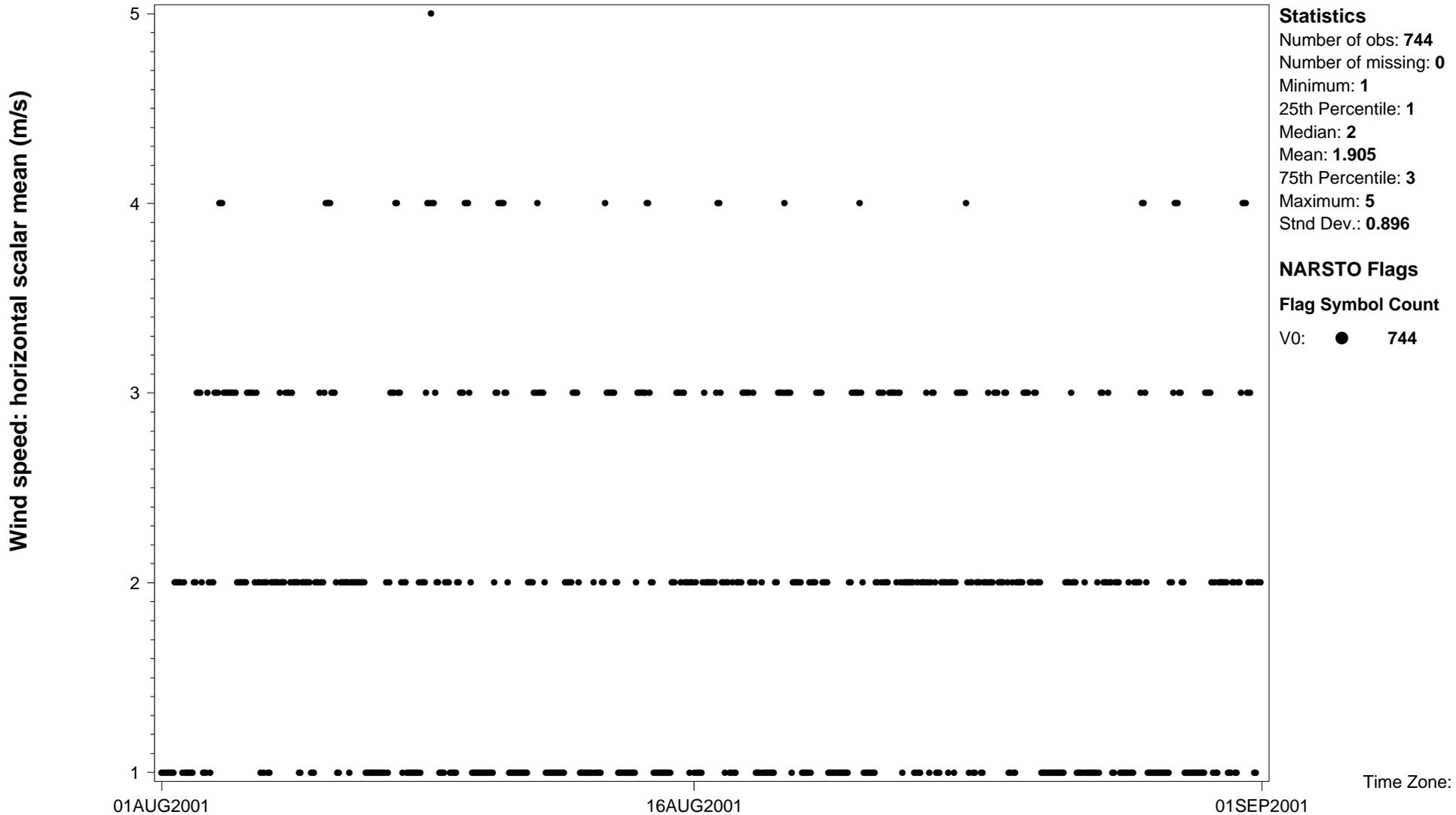


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT020** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MEADOWLANDS ELEMENTARY SCHOOL - 188477 DEWDNY TRK RD - PITT MEADOWS, British Columbia** Latitude: **49.24527778 deg.** Longitude: **-122.7091667**

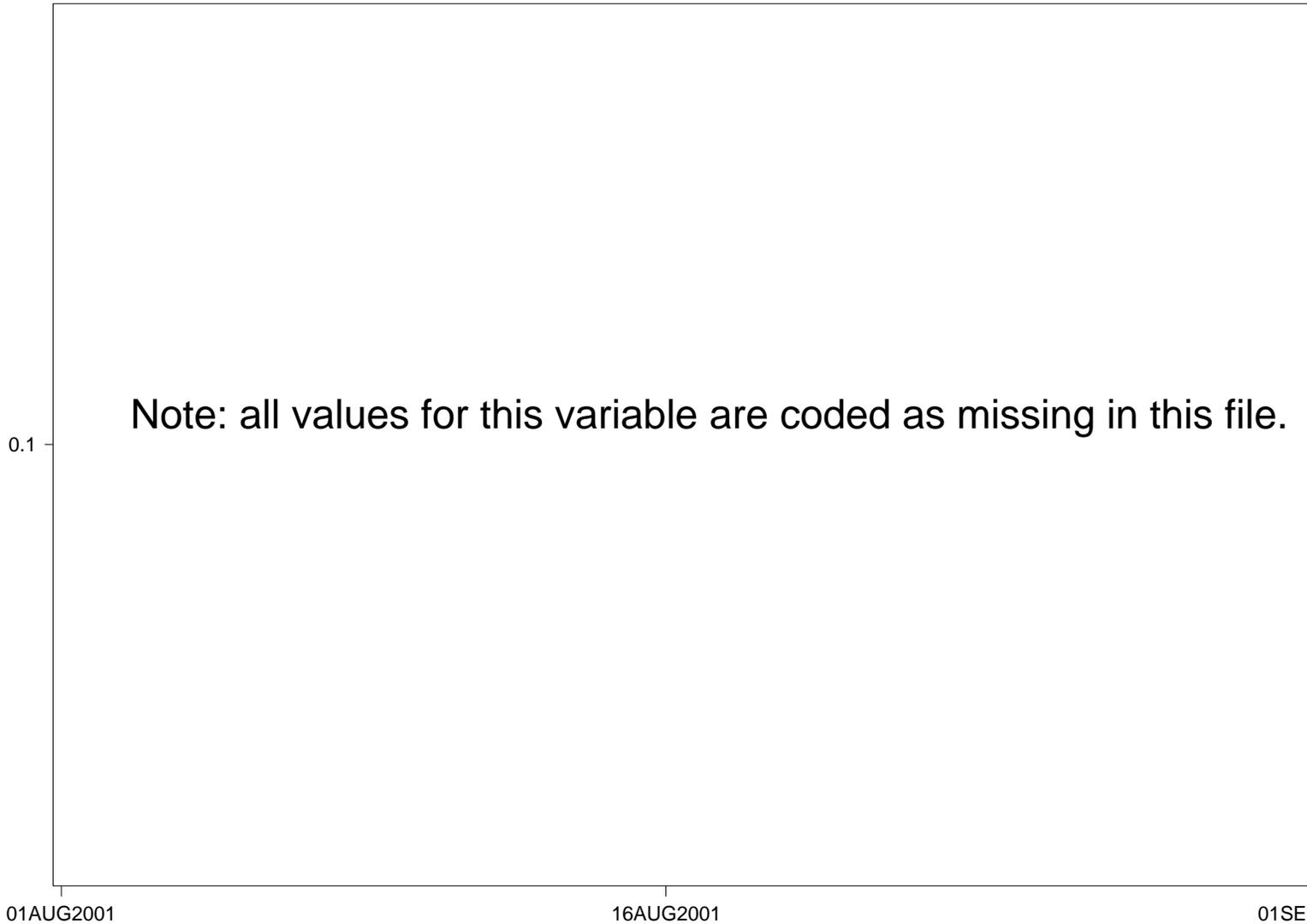


Site ID: **PC01CABCT022** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

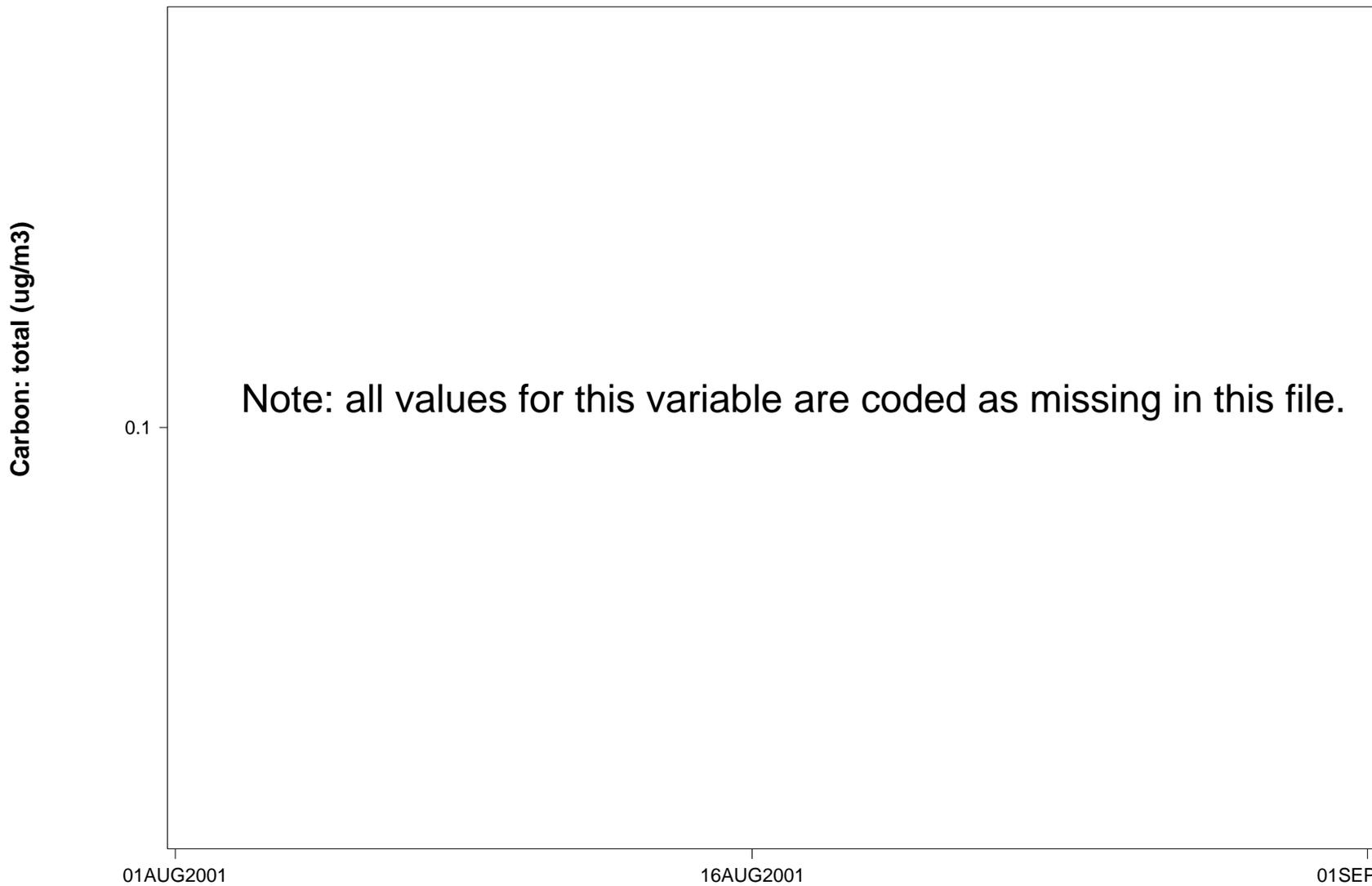
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

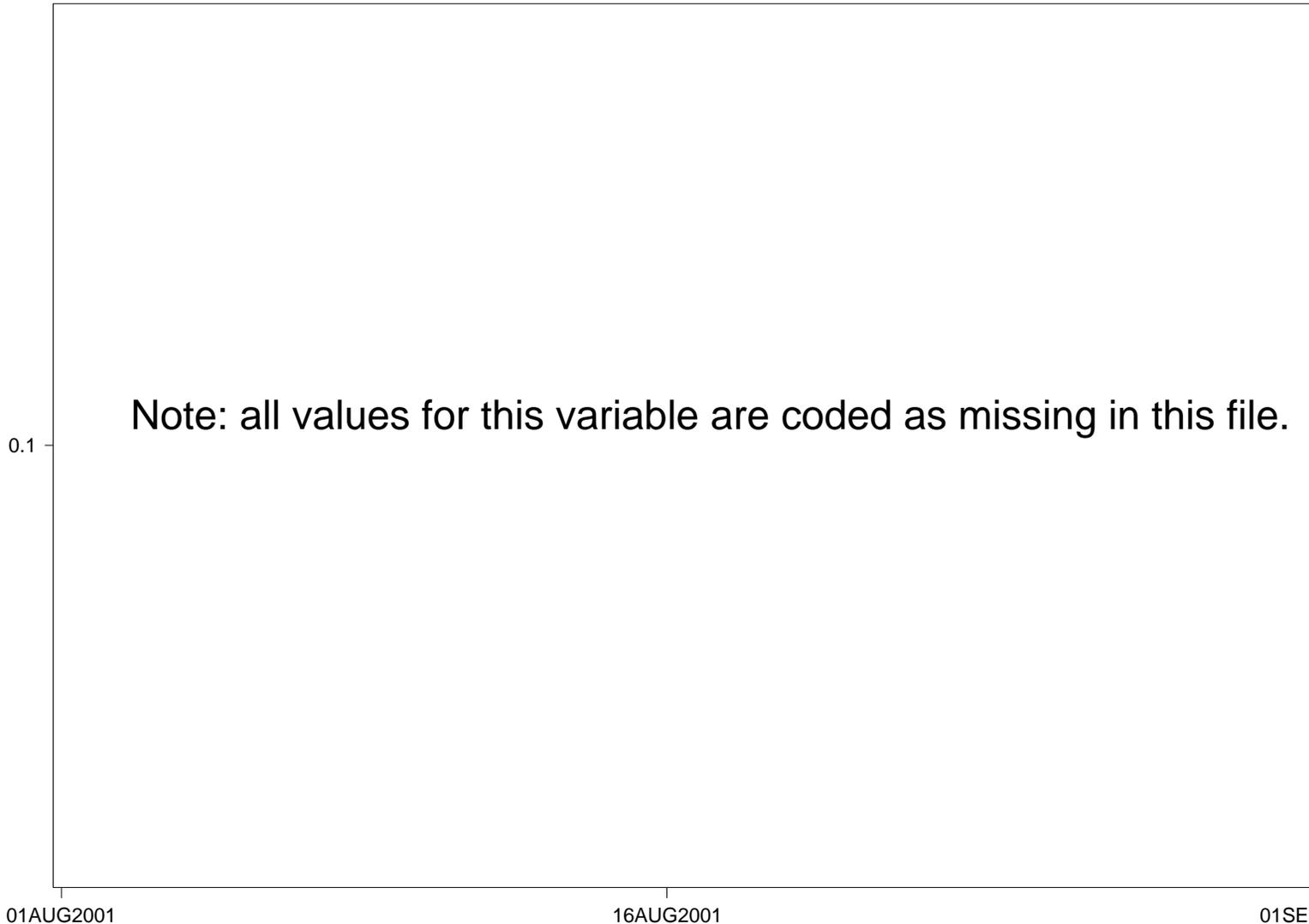
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude: **49.26555556 deg.** Longitude: **-122.9377778 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

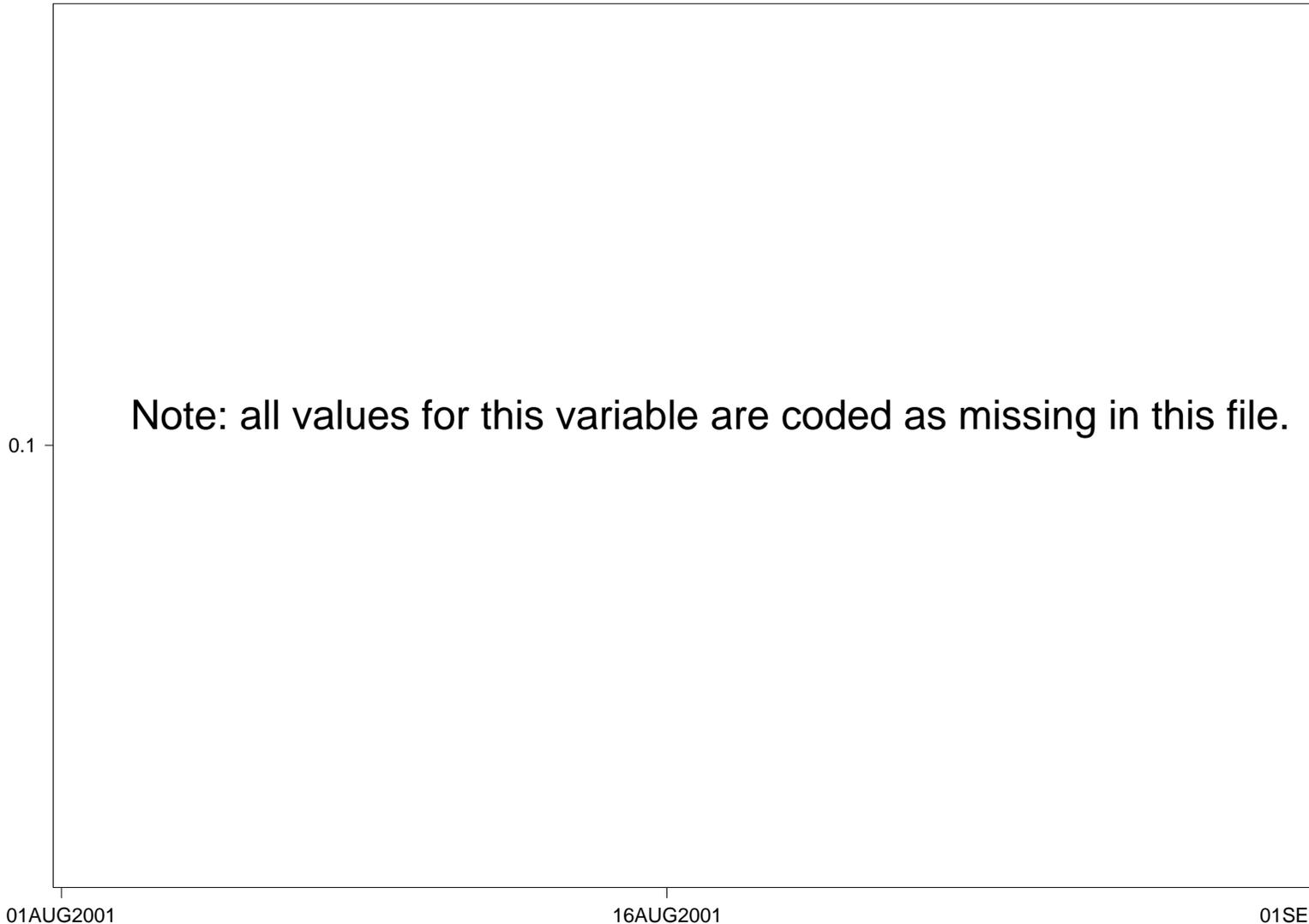
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

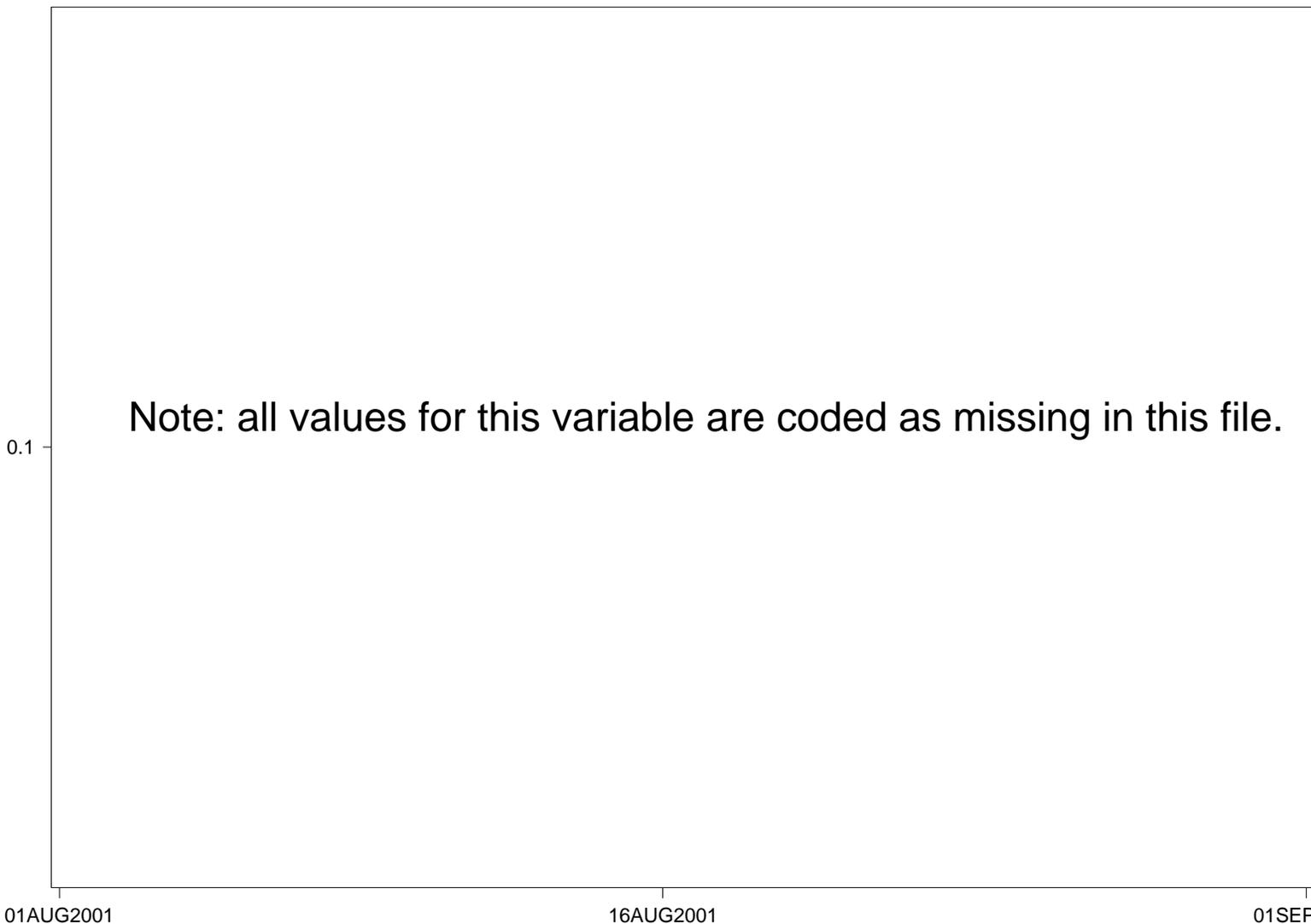
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

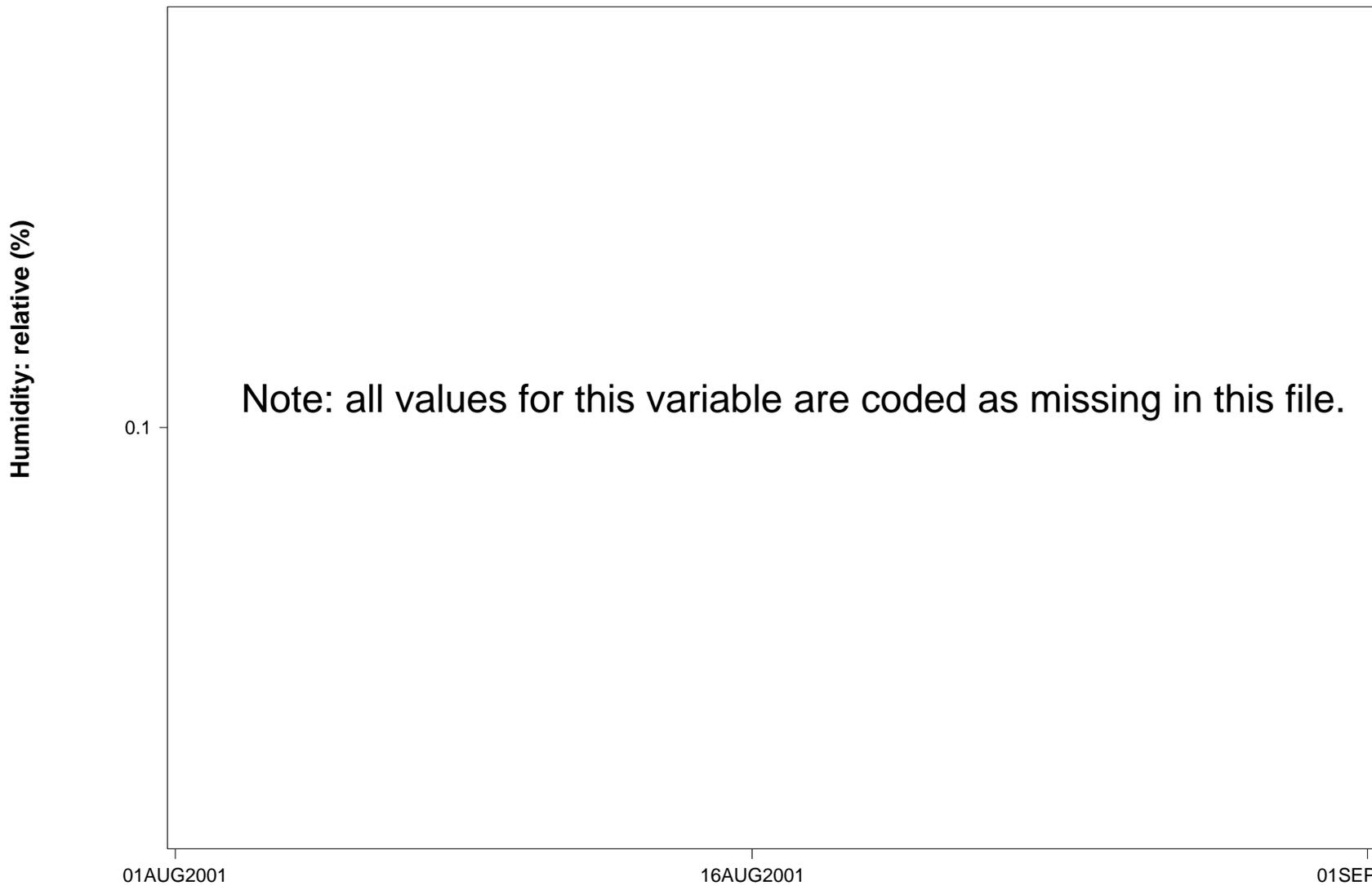
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

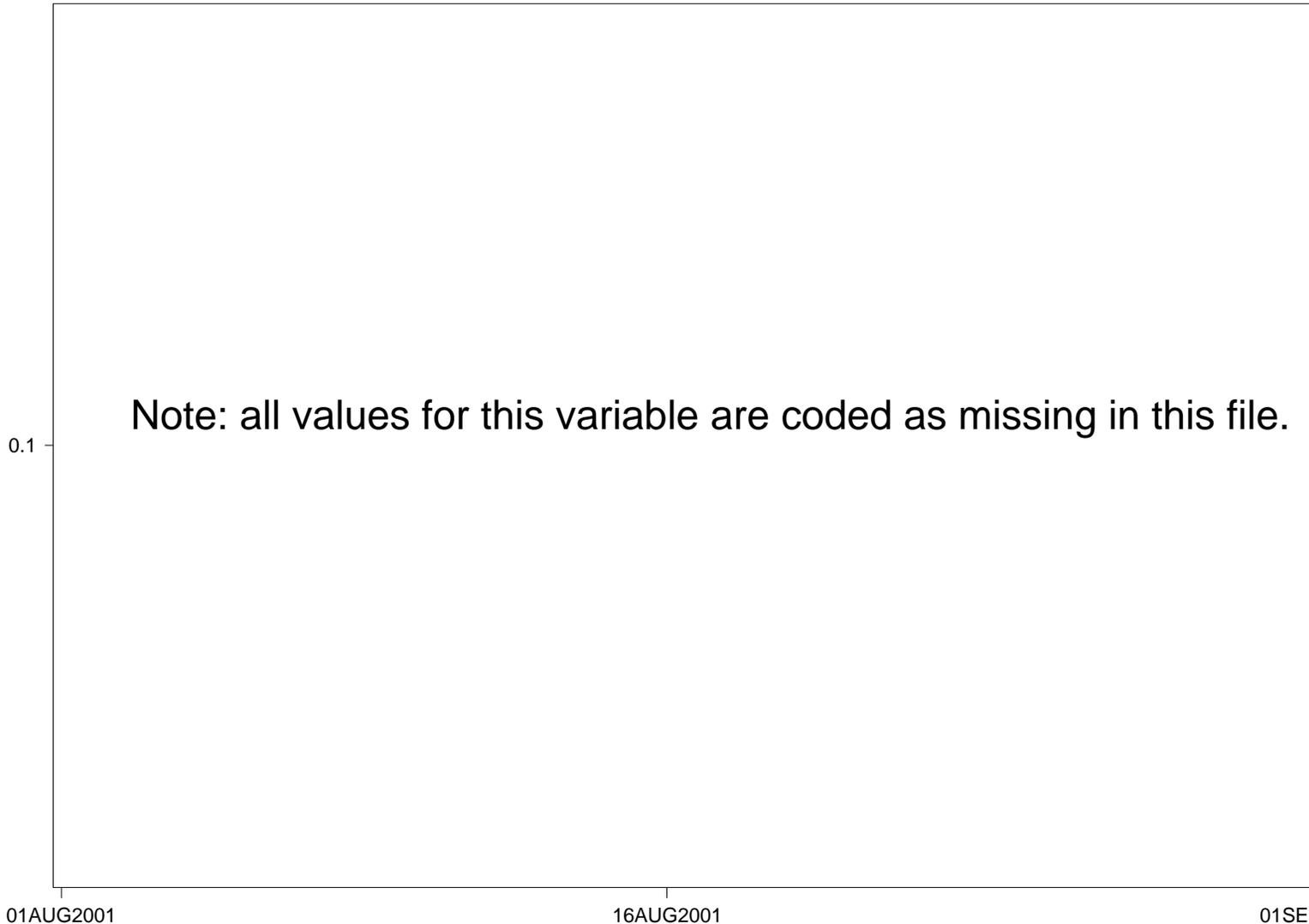
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude: **49.26555556 deg.** Longitude: **-122.9377778 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

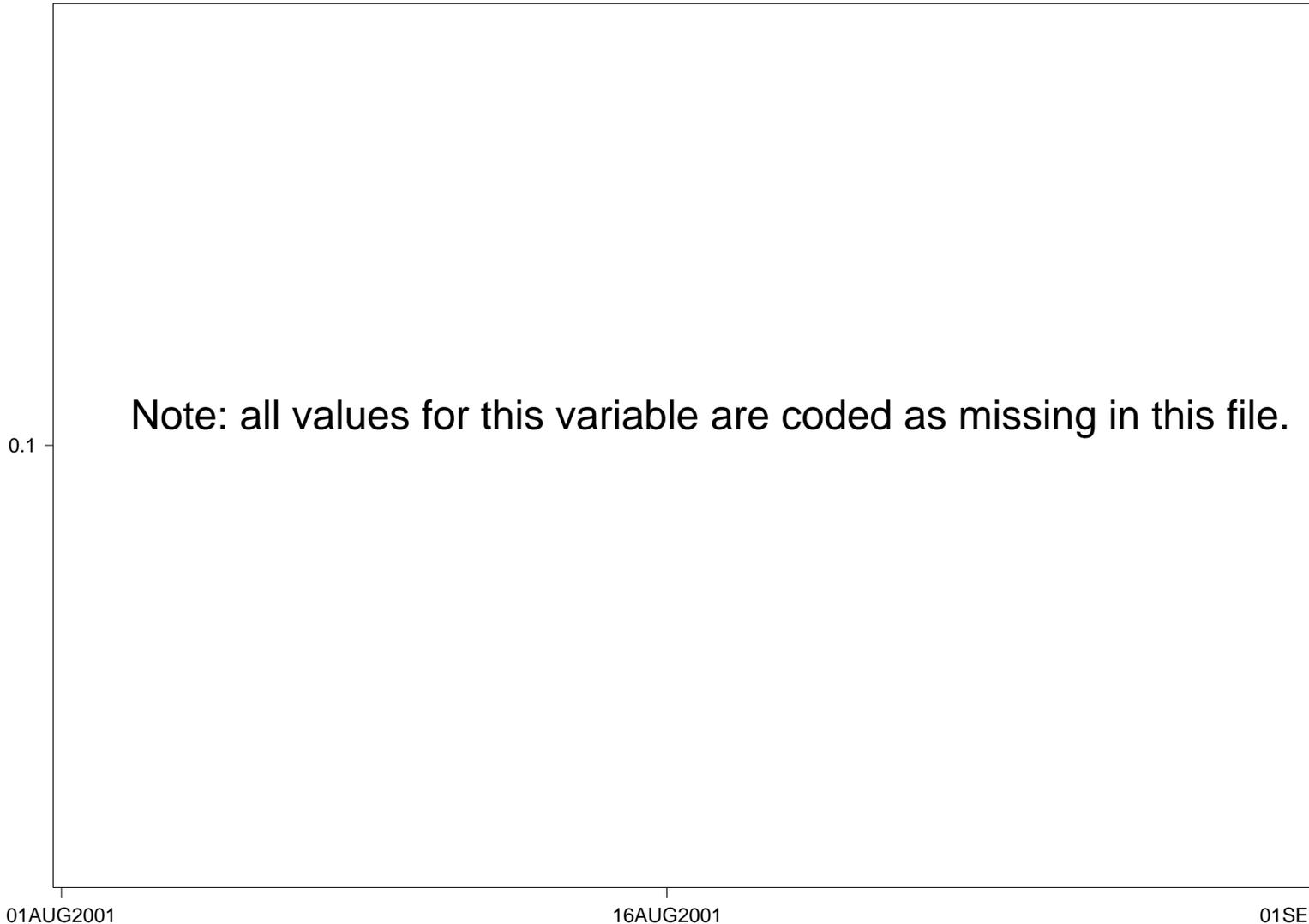
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

NOx (nitric oxide + nitrogen dioxide) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

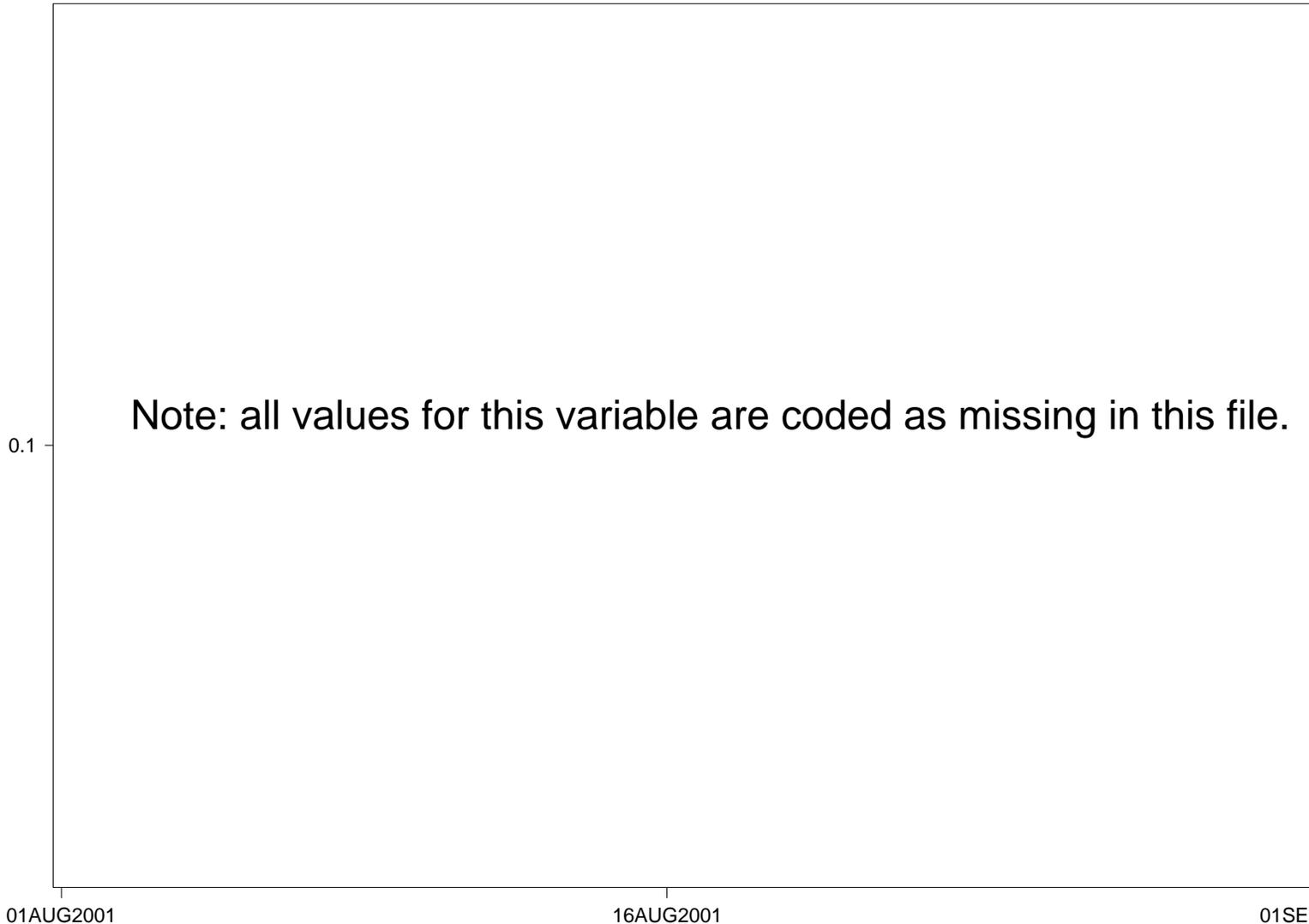
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Nitrogen oxide (NO) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

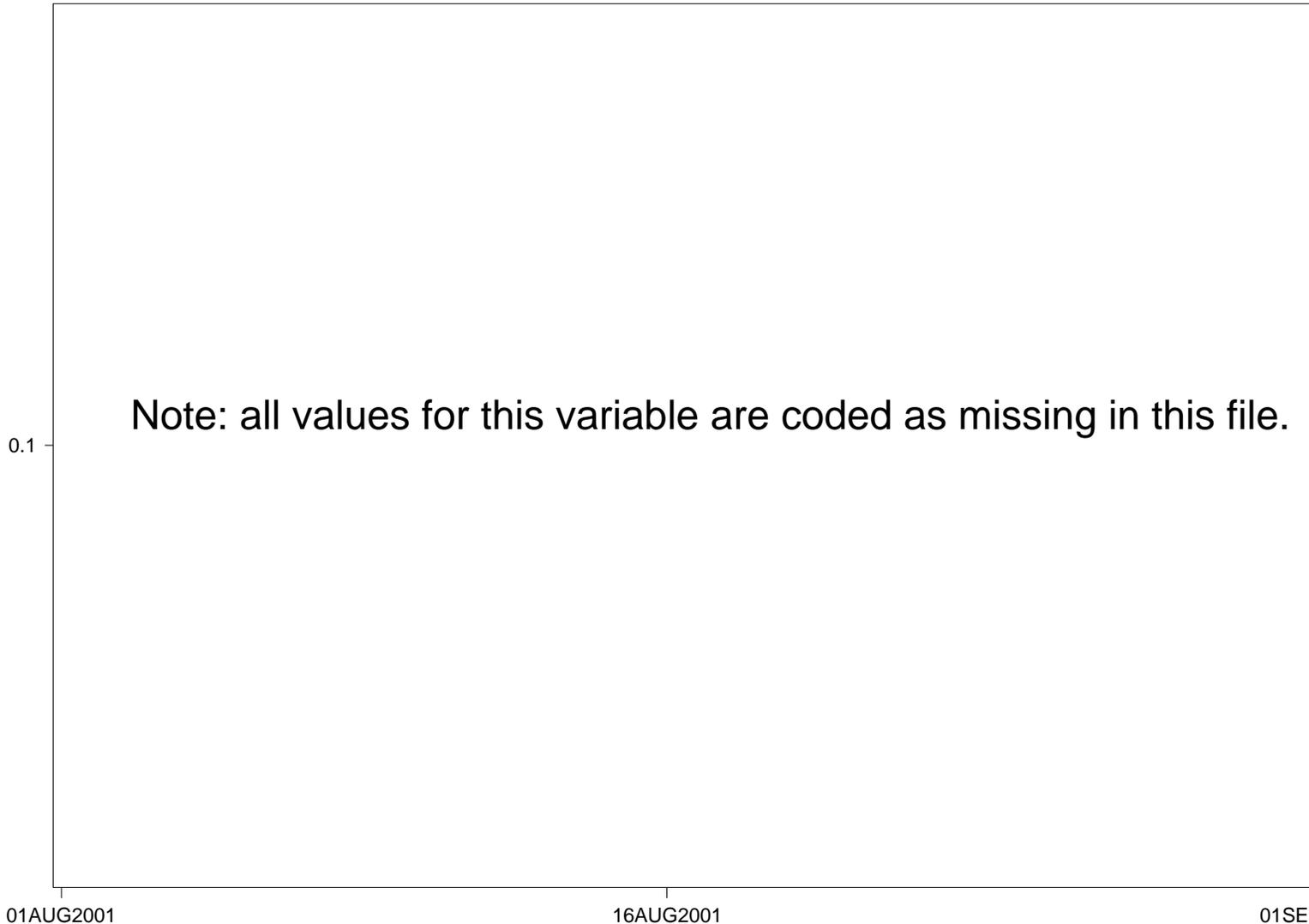
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Nitrogen oxide (NO2) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

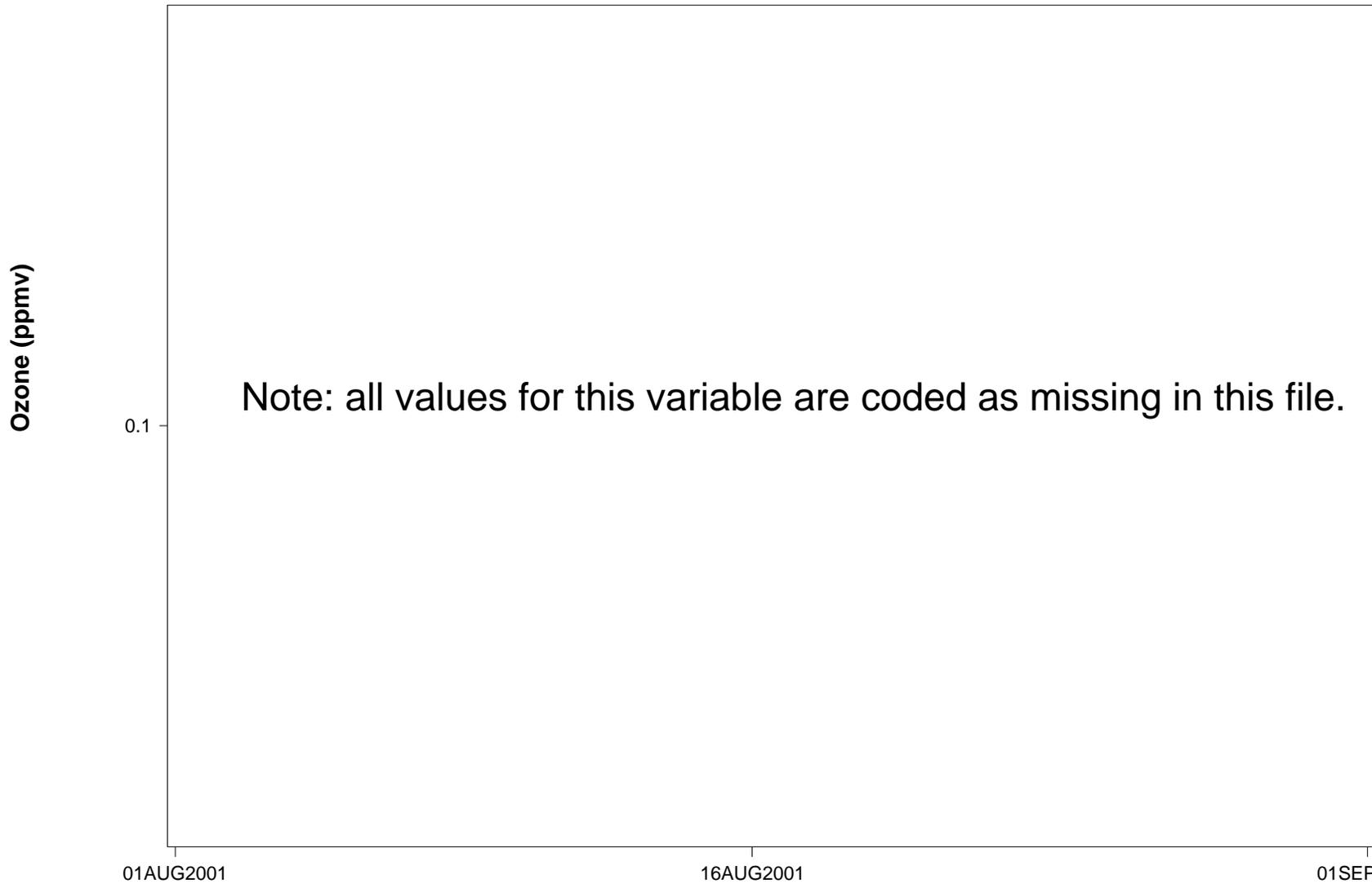
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

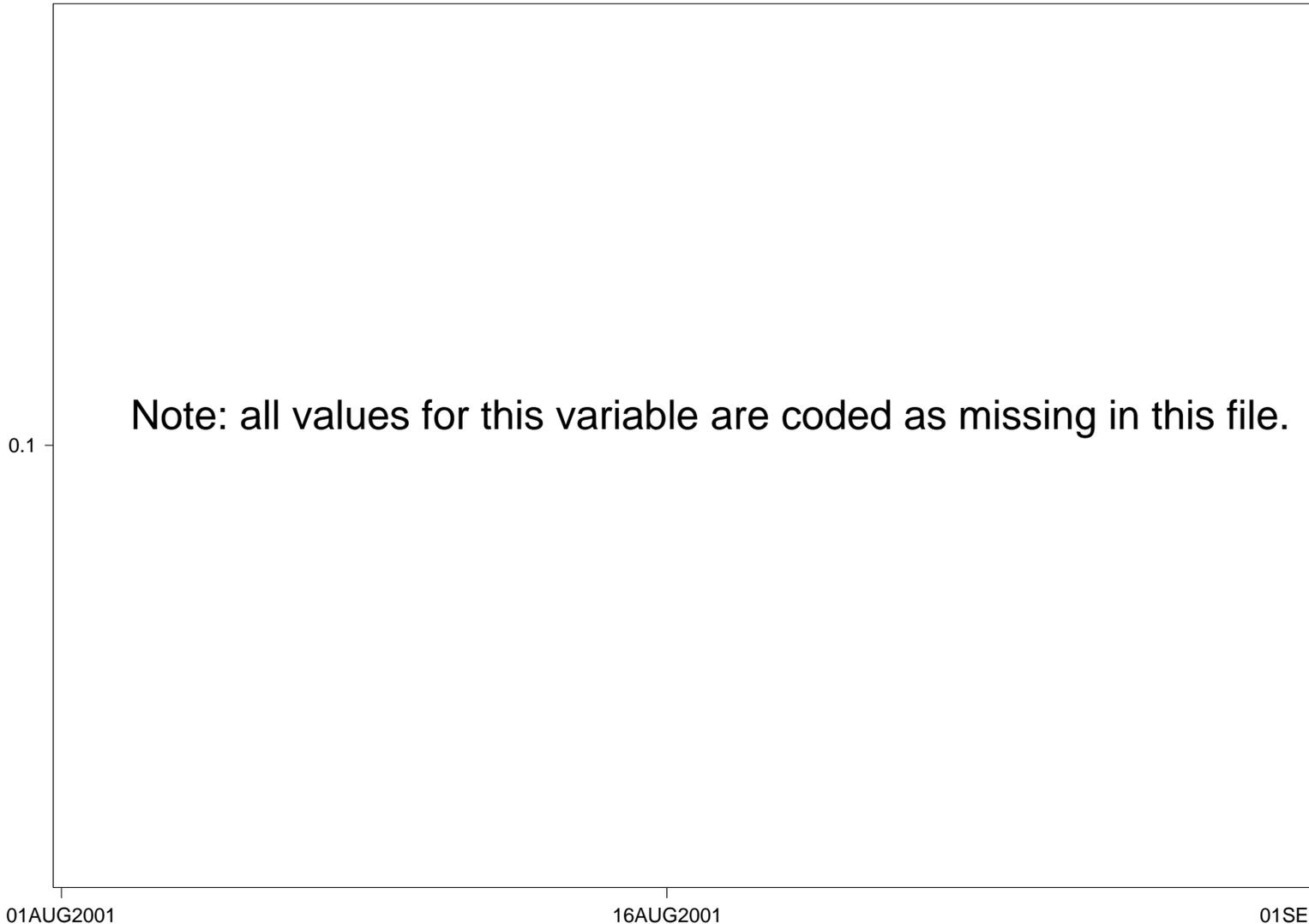
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

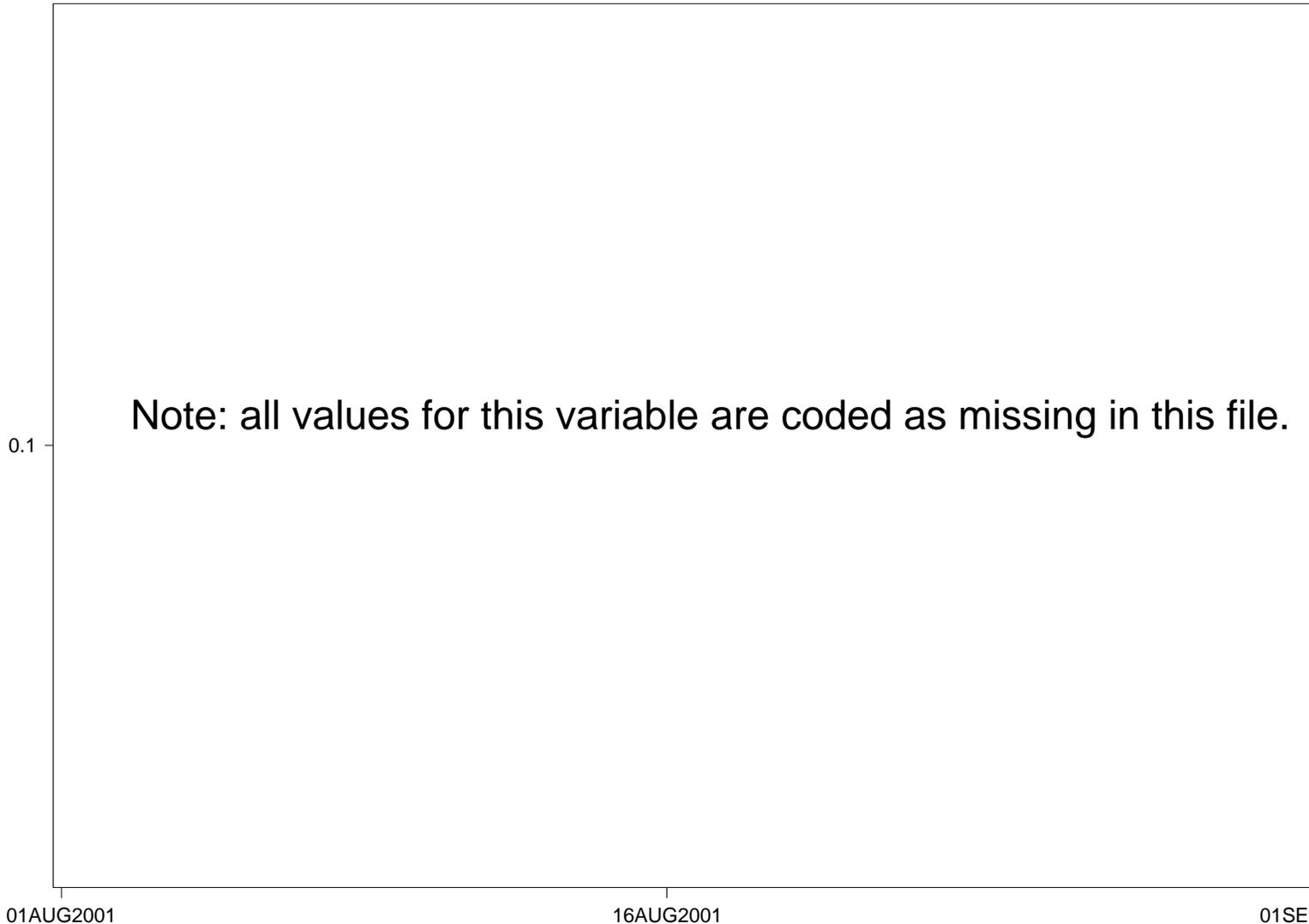
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

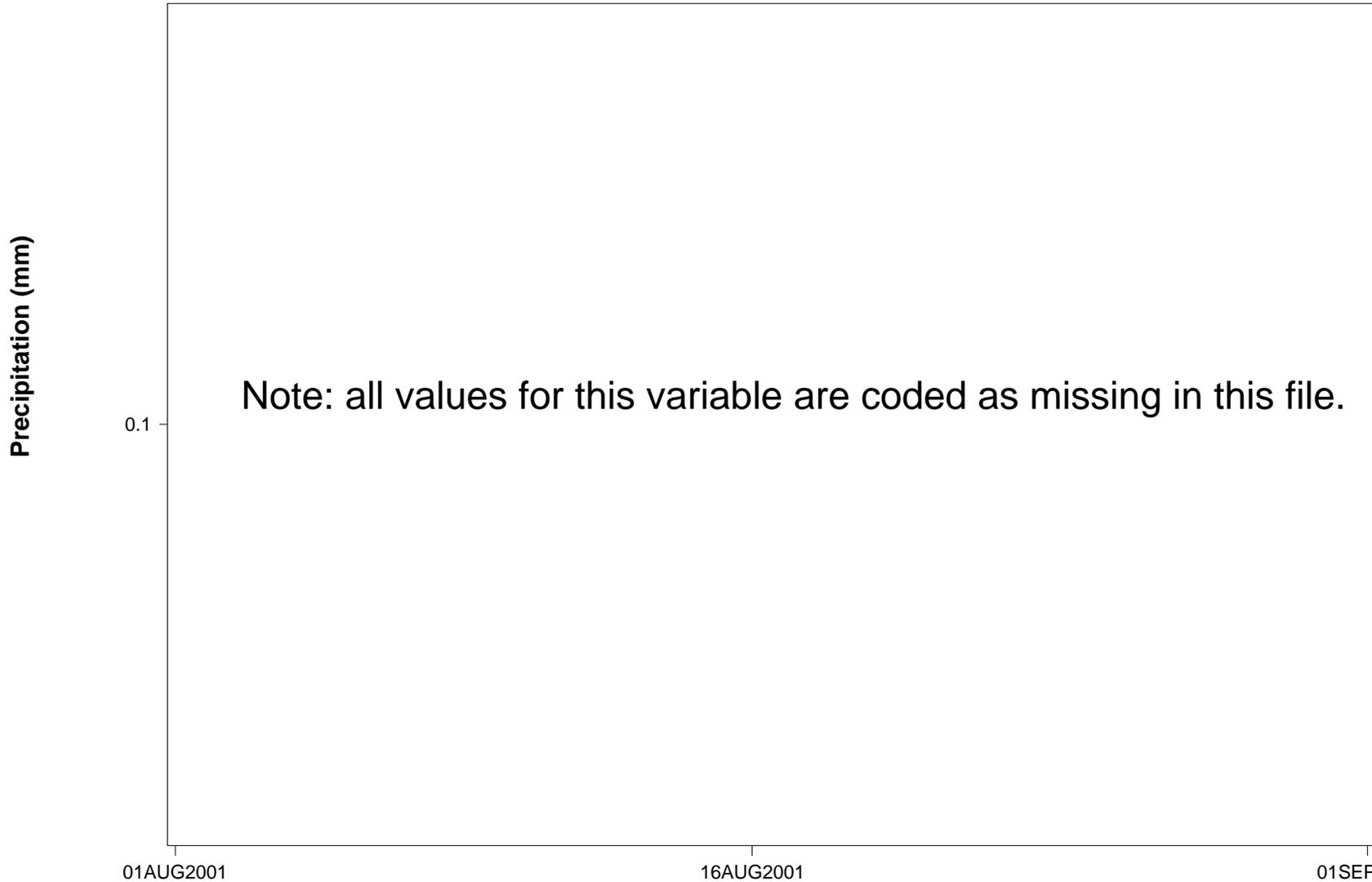
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

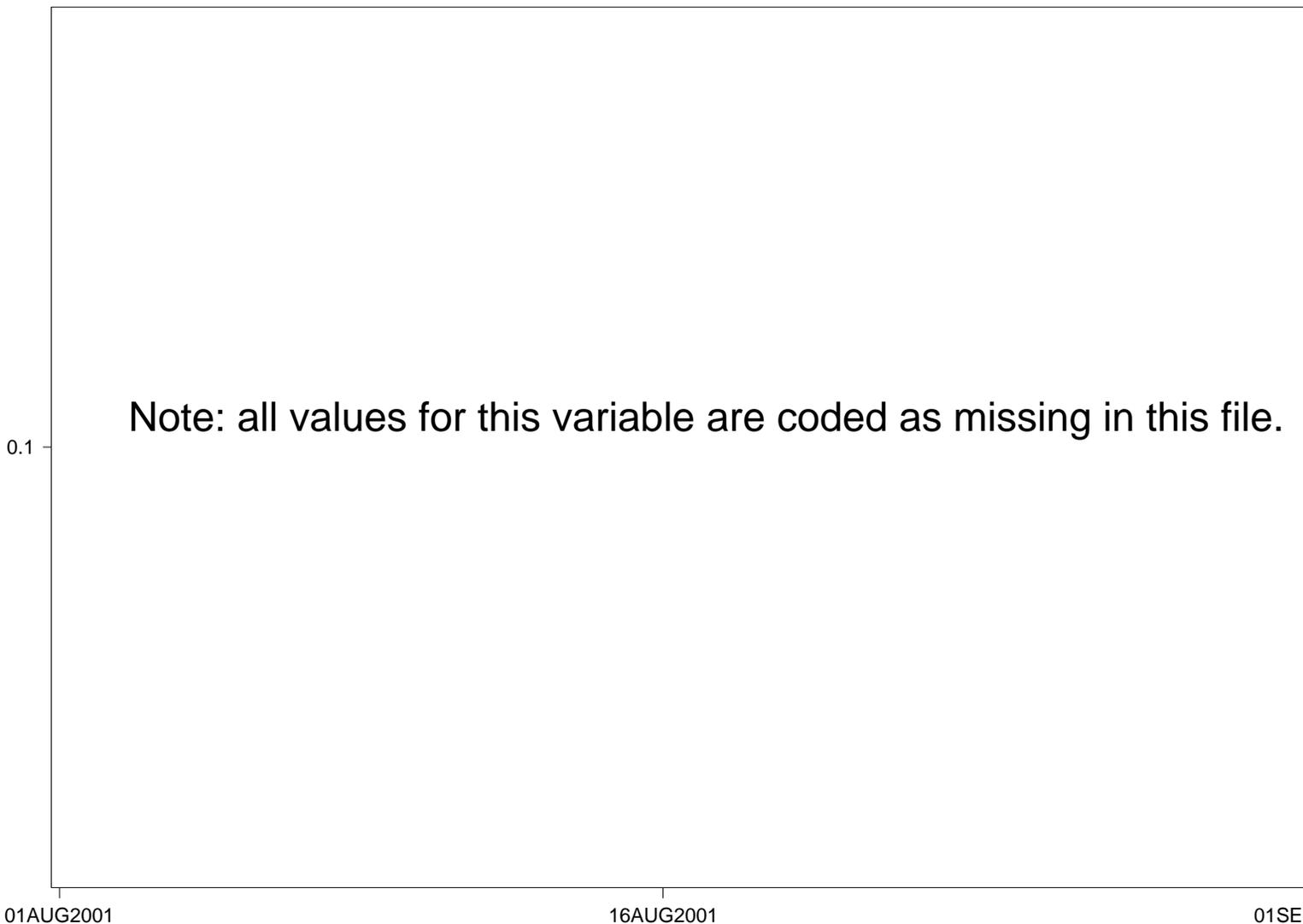
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

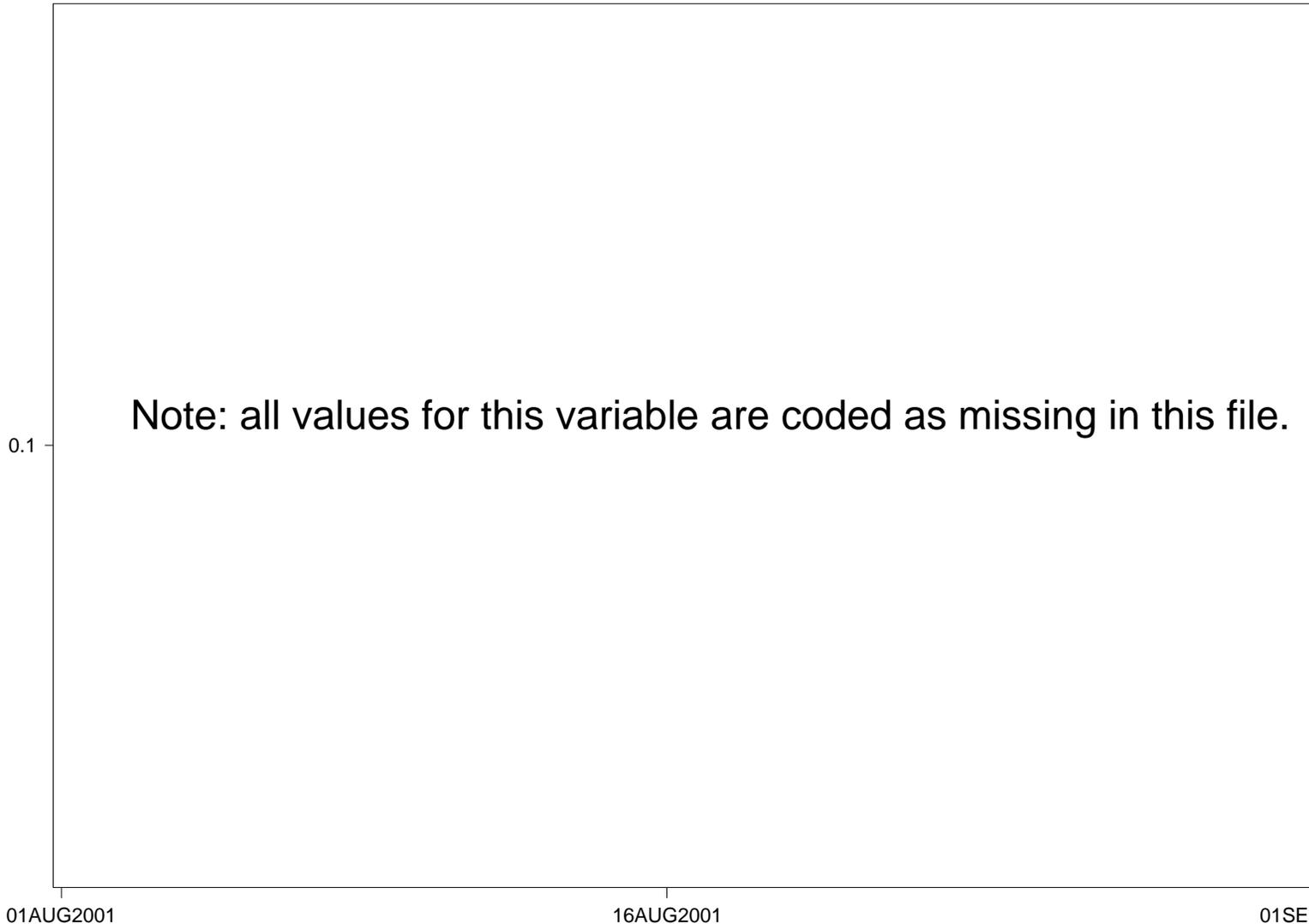
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

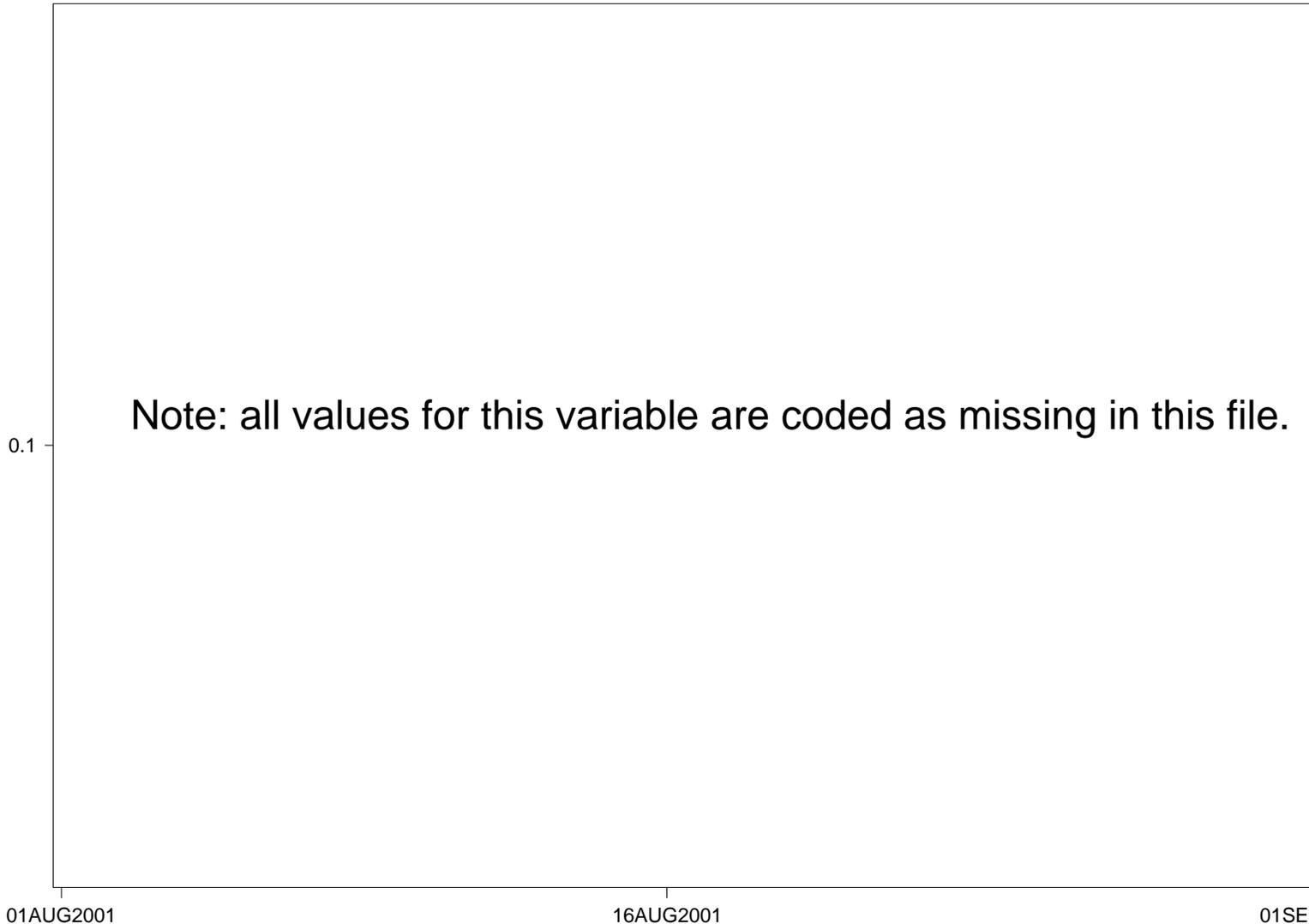
Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Sulfur dioxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

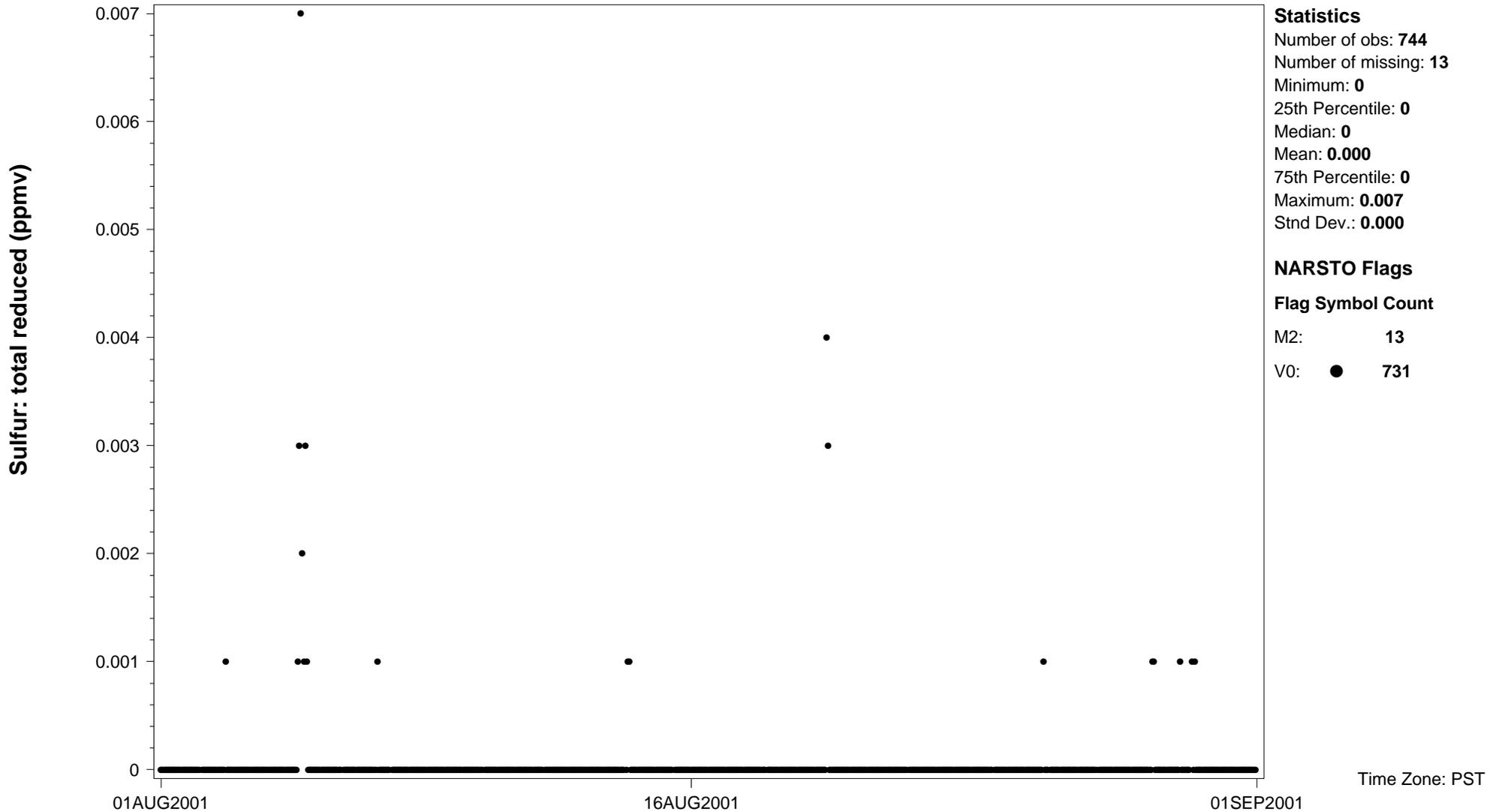
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT022** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



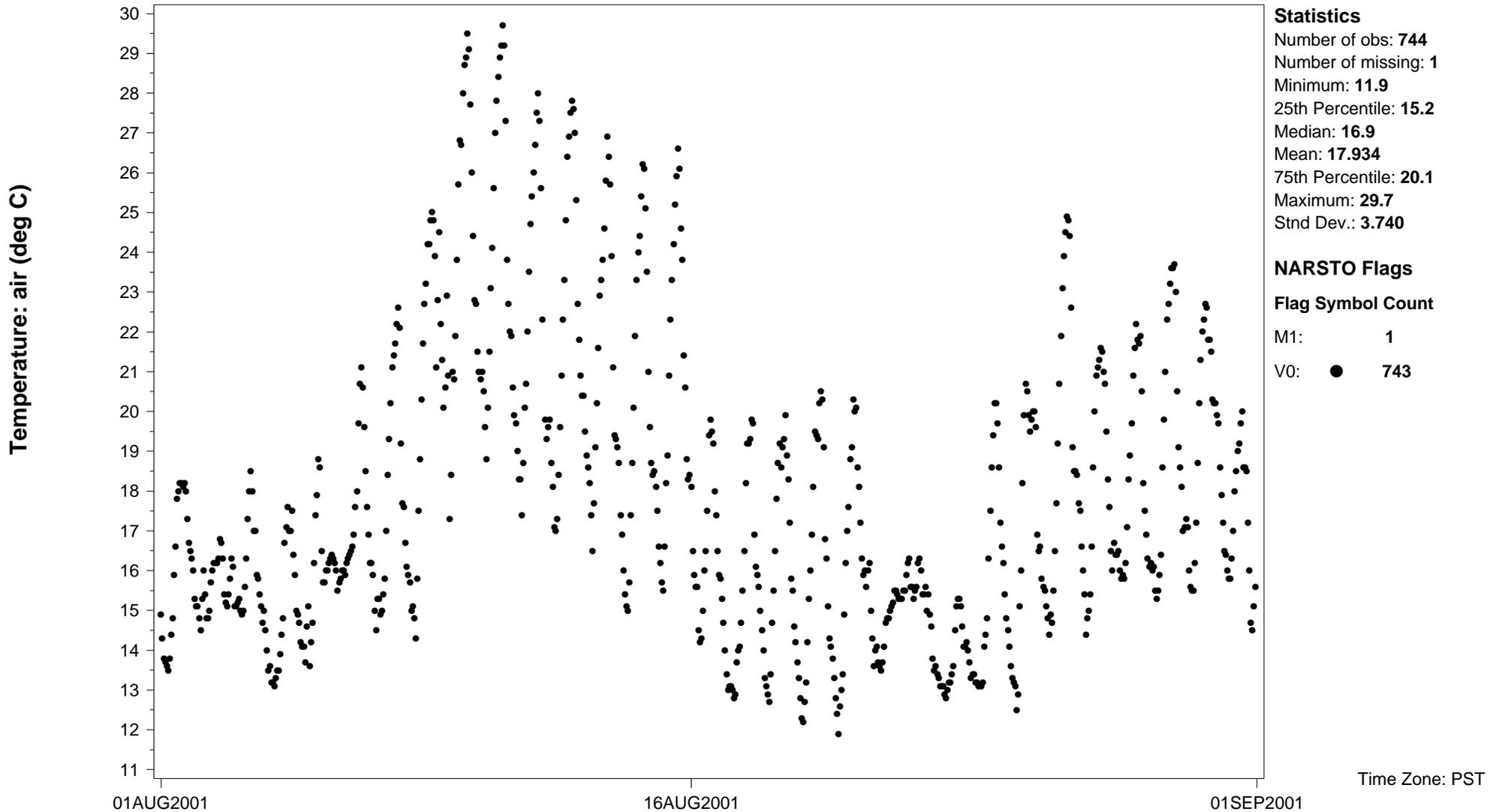
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT022** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



NAtChem Time Series Plot

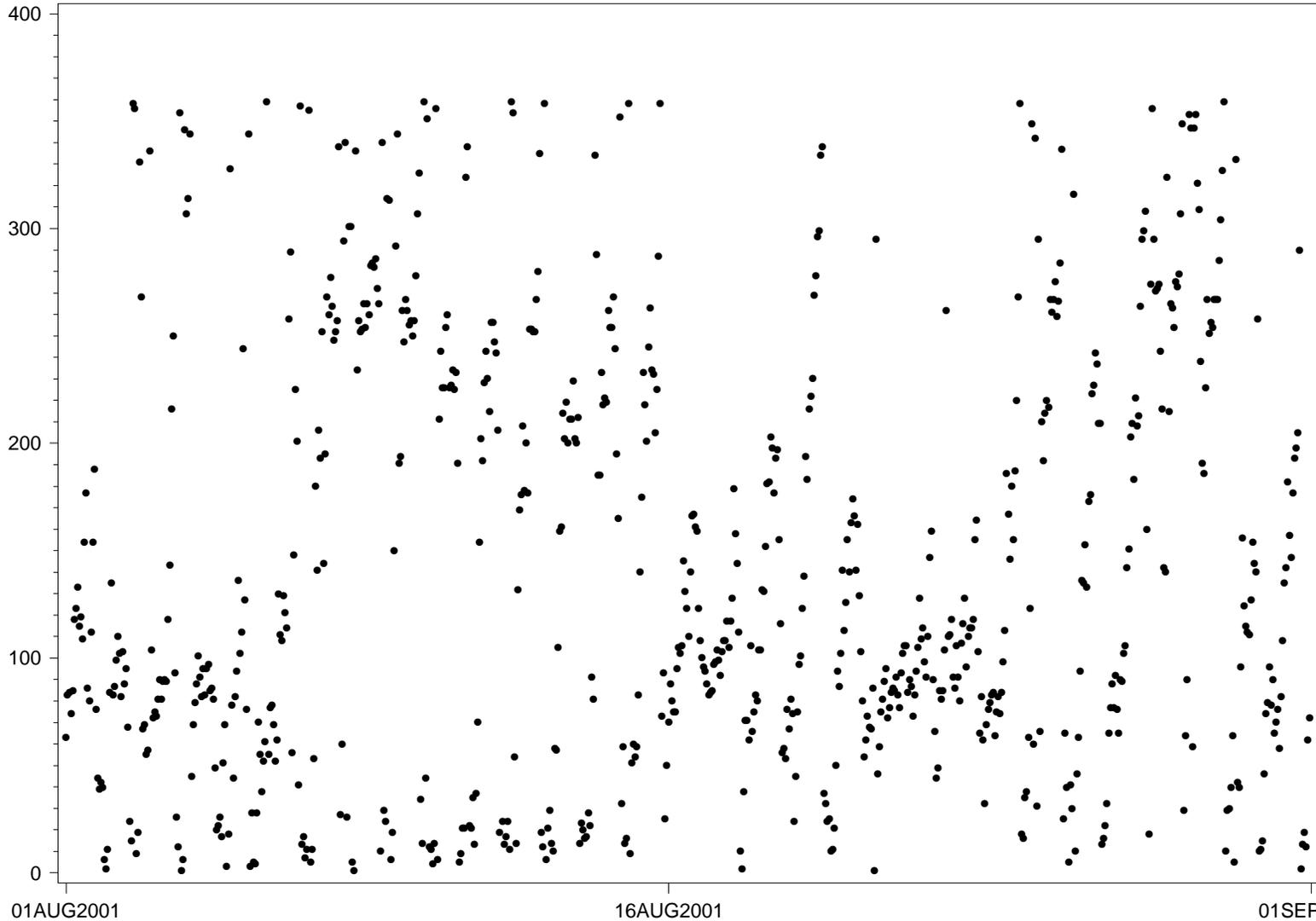
30SEP2004

Site ID: **PC01CABCT022** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **1**  
 25th Percentile: **66**  
 Median: **110**  
 Mean: **141.075**  
 75th Percentile: **221**  
 Maximum: **359**  
 Stnd Dev.: **99.458**

**NARSTO Flags**

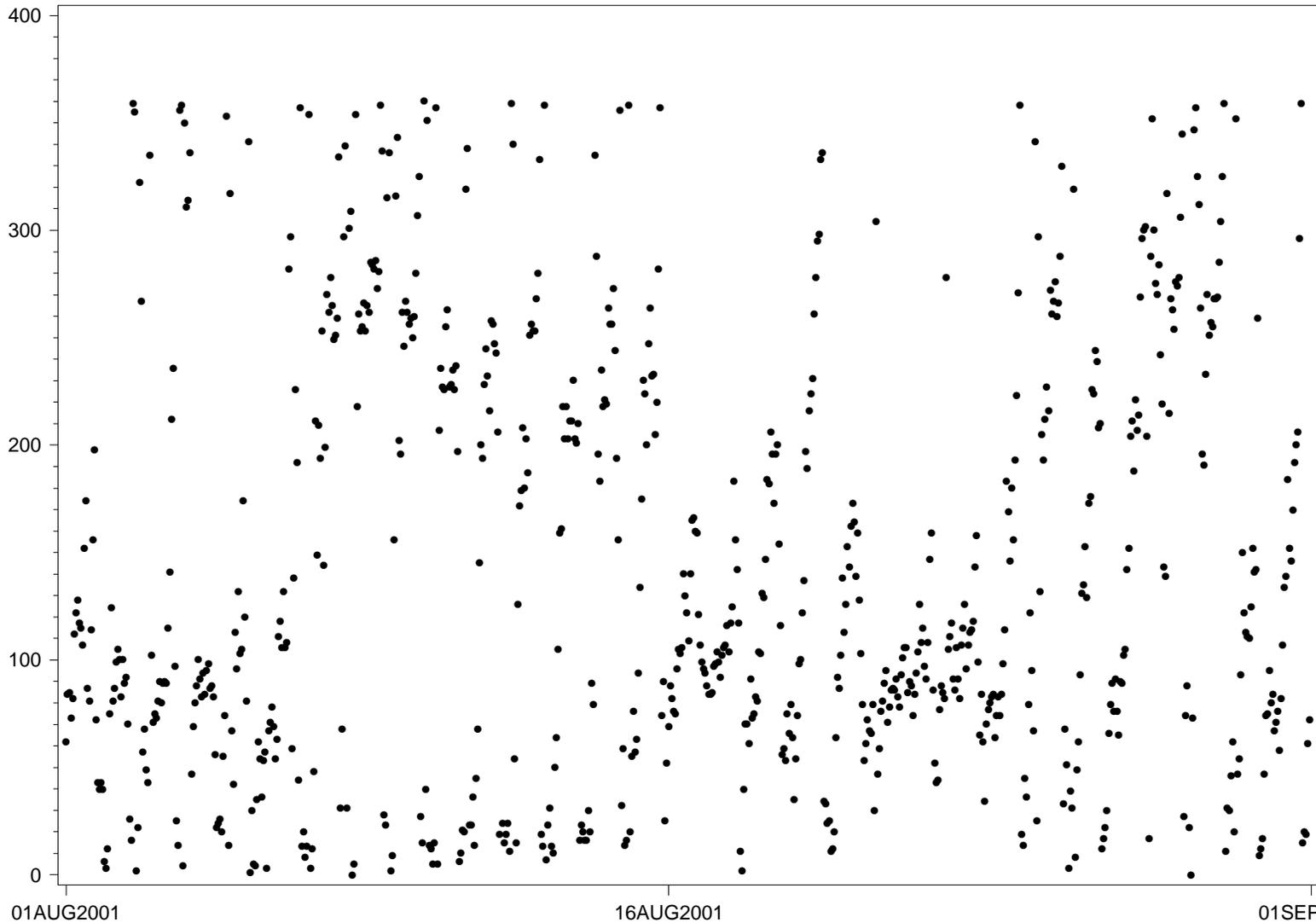
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

Time Zone: PST

Site ID: **PC01CABCT022** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **0**  
 25th Percentile: **68**  
 Median: **107**  
 Mean: **141.705**  
 75th Percentile: **221**  
 Maximum: **360**  
 Std Dev.: **99.580**

**NARSTO Flags**

**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

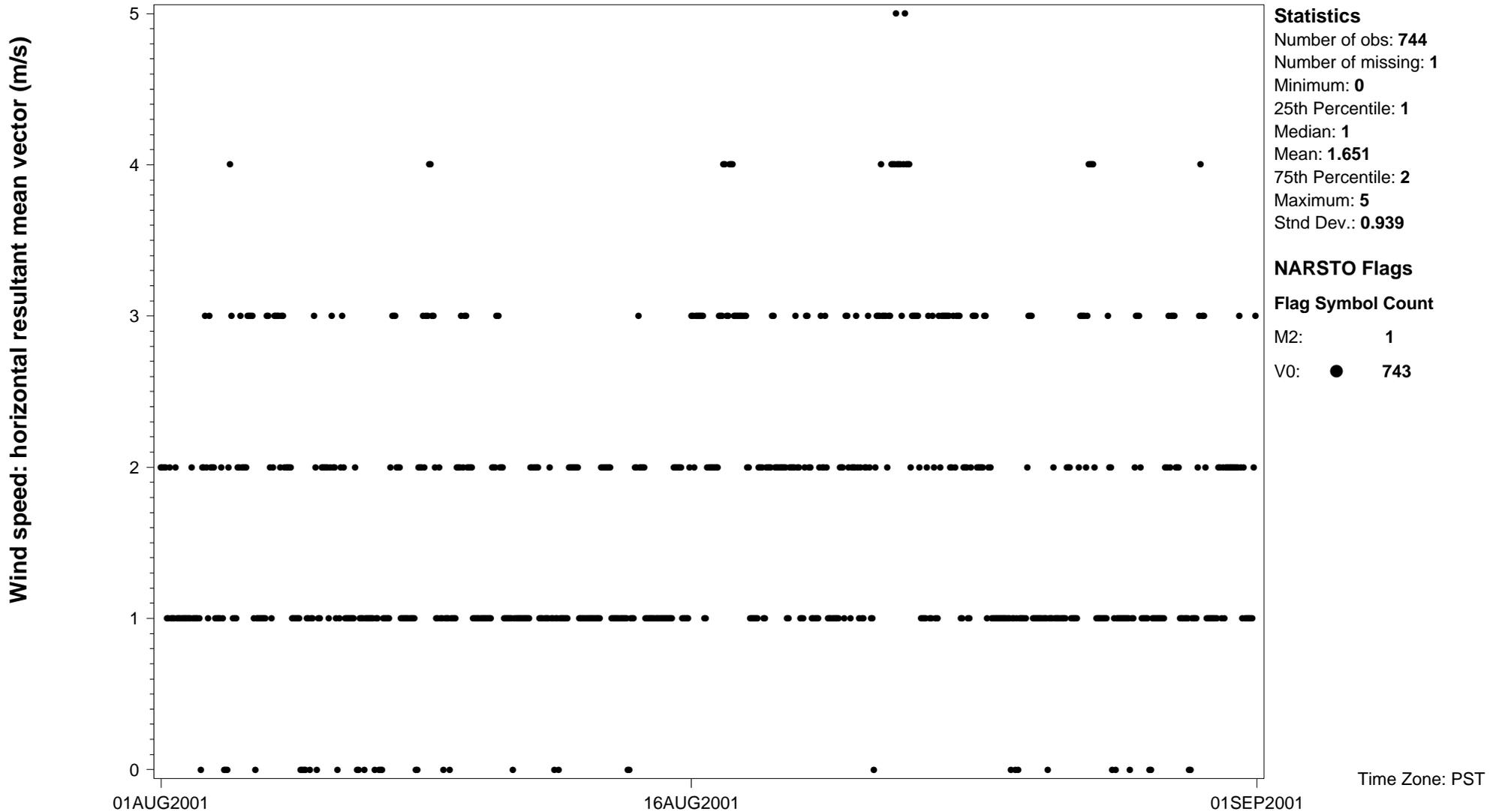
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

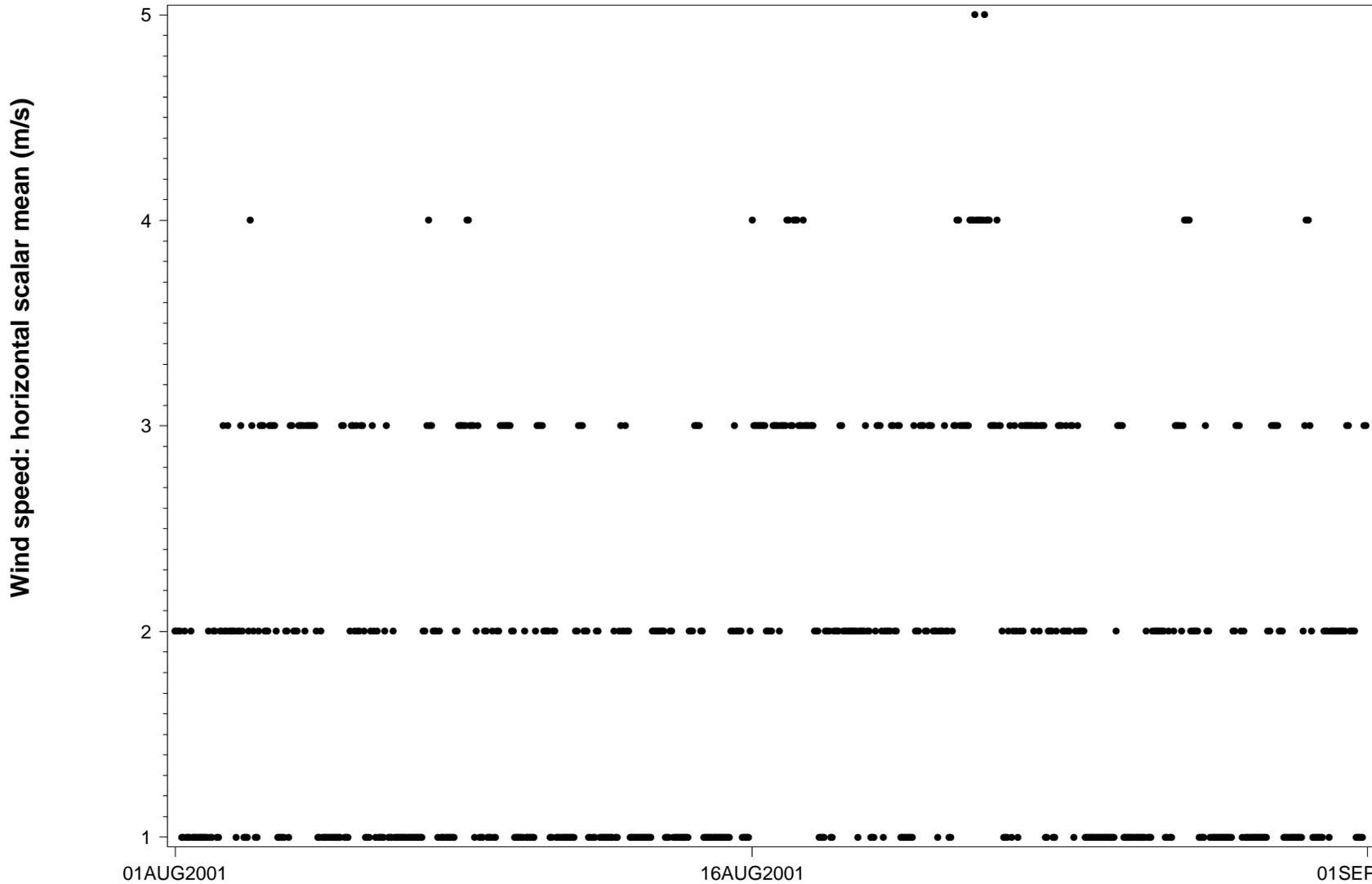
Site ID: **PC01CABCT022** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



Site ID: **PC01CABCT022** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURMOUNT - 7815 SHELLMONT STREET - BURNABY, British Columbia** Latitude:**49.26555556 deg.** Longitude:**-122.9377778 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **1**  
 25th Percentile: **1**  
 Median: **2**  
 Mean: **1.894**  
 75th Percentile: **3**  
 Maximum: **5**  
 Std Dev.: **0.913**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

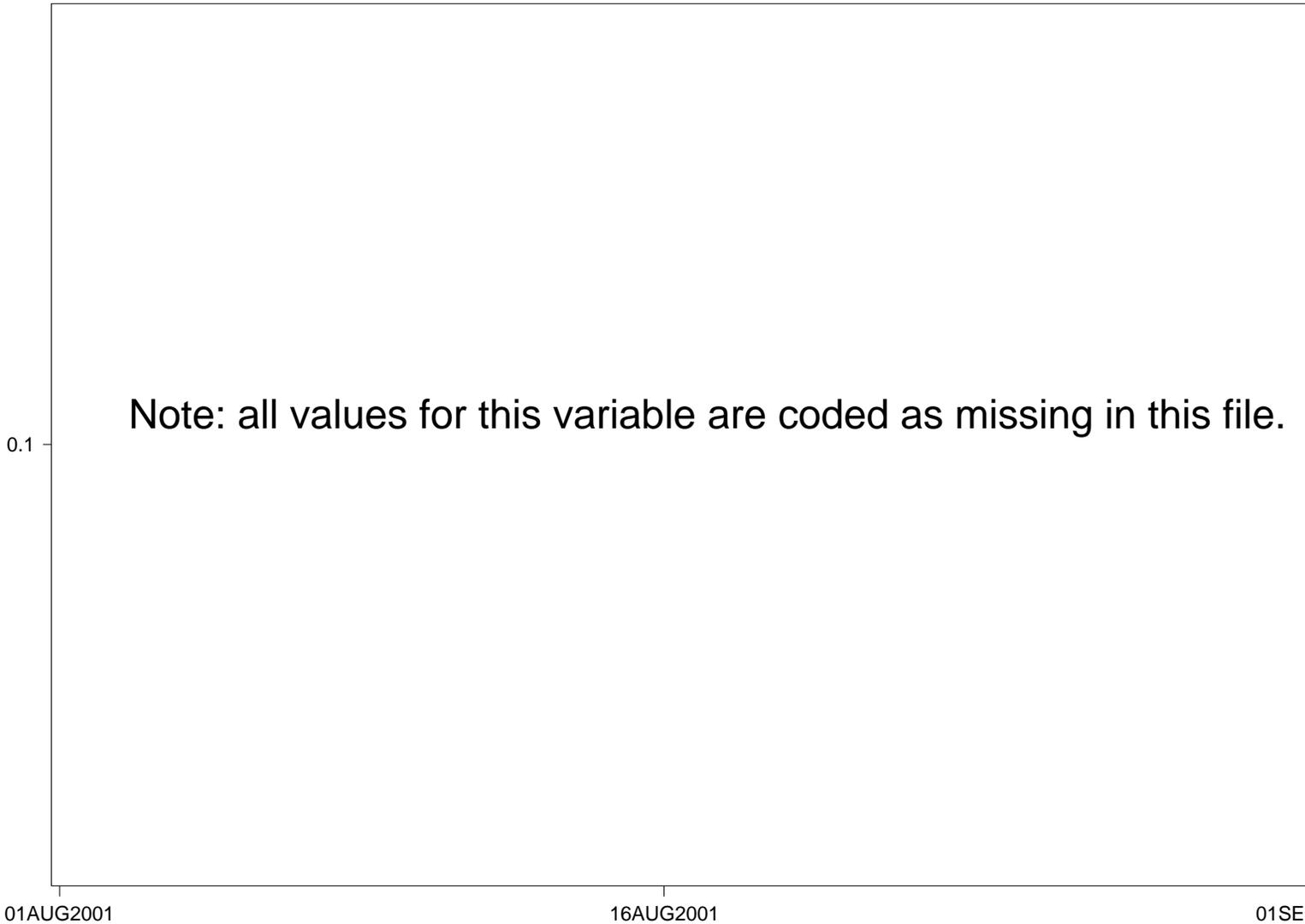
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

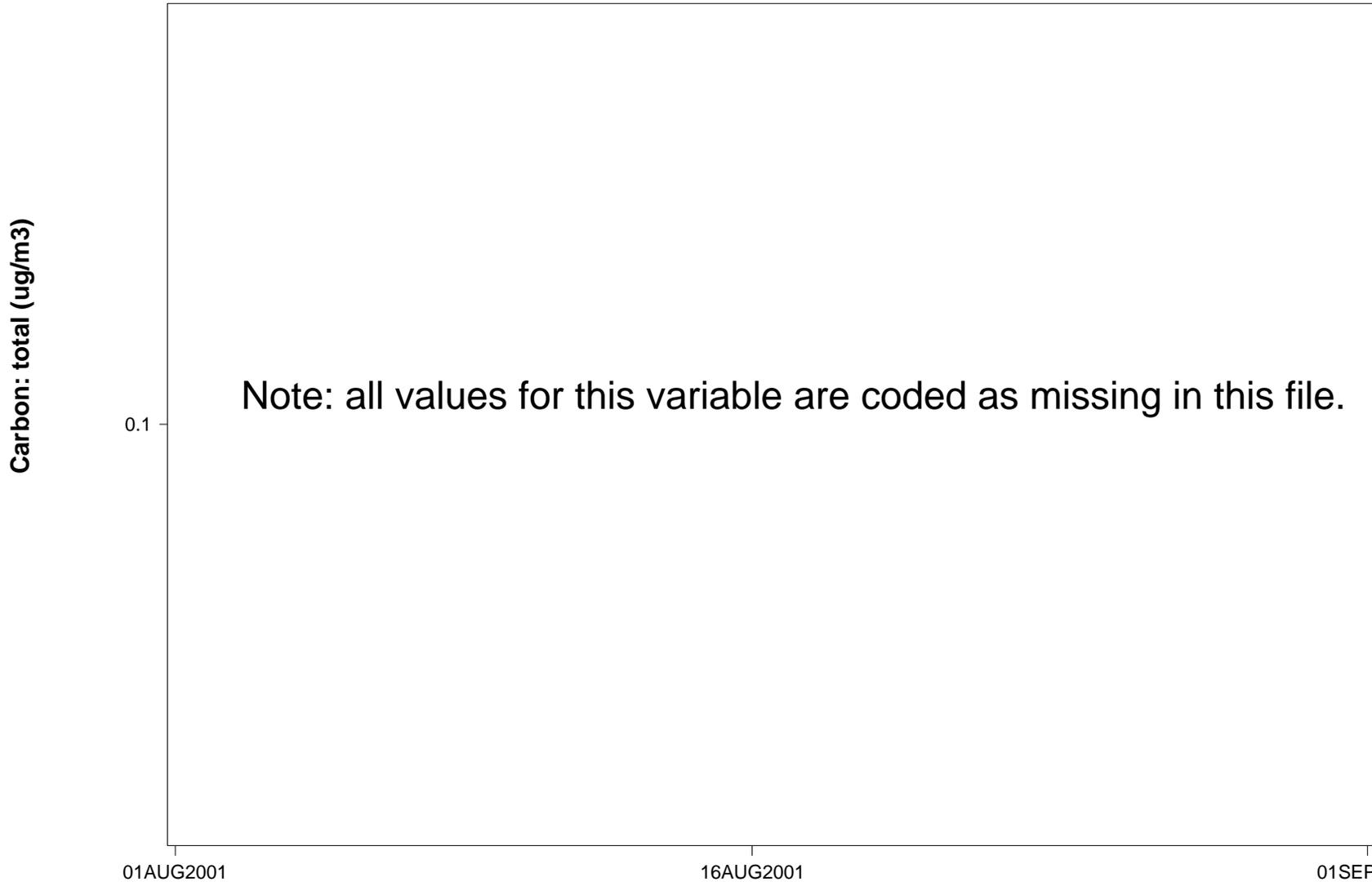
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

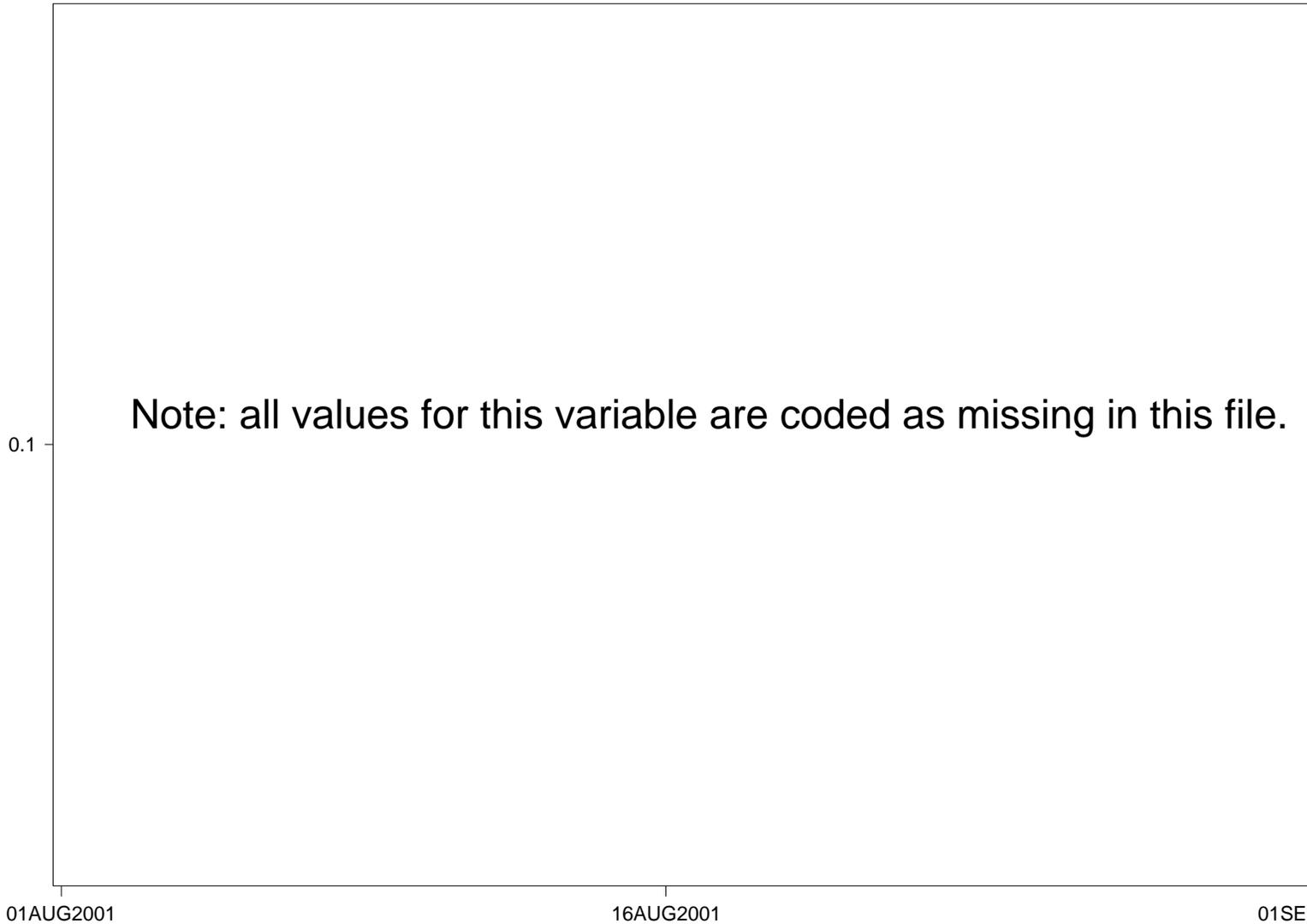
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

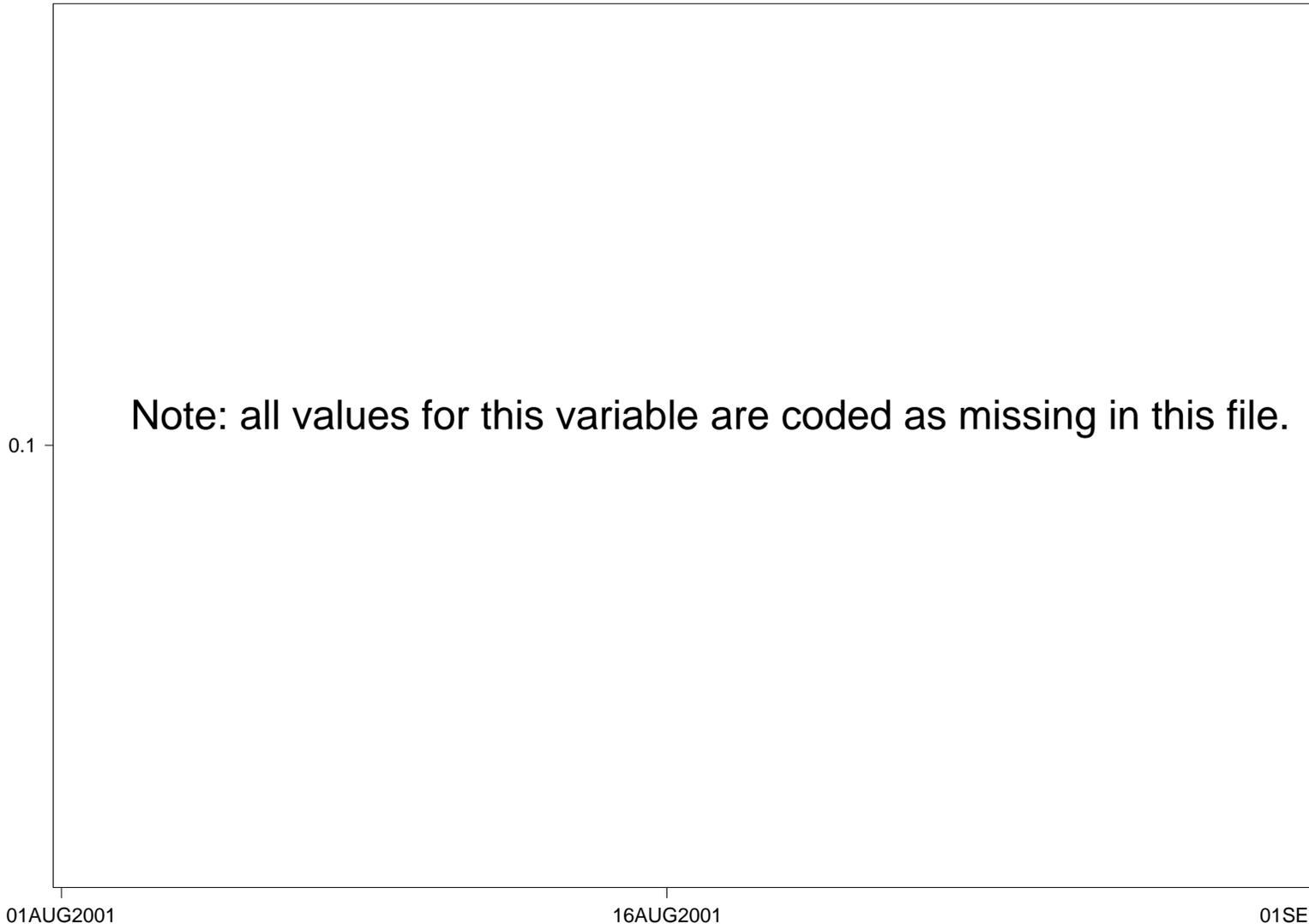
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

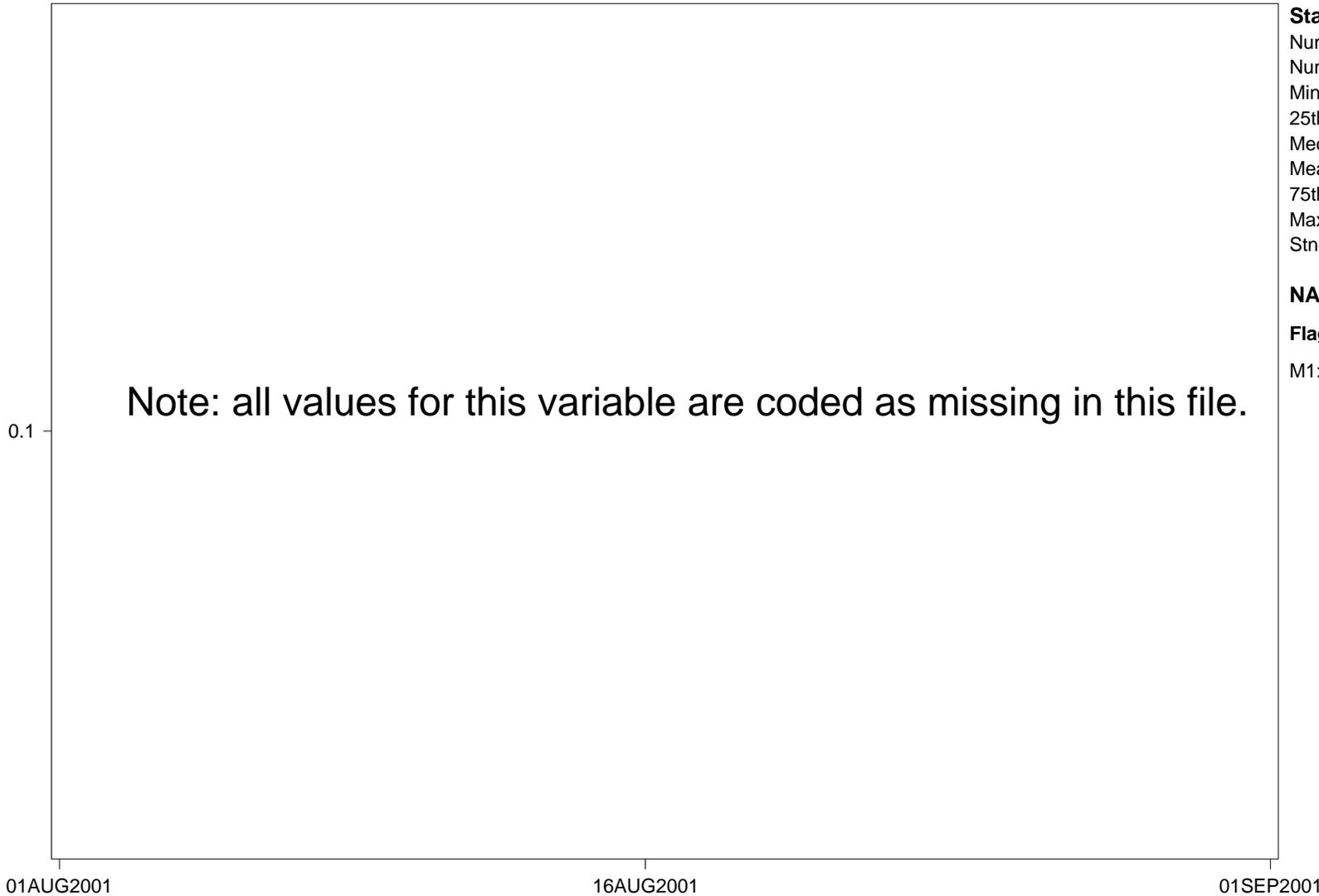
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

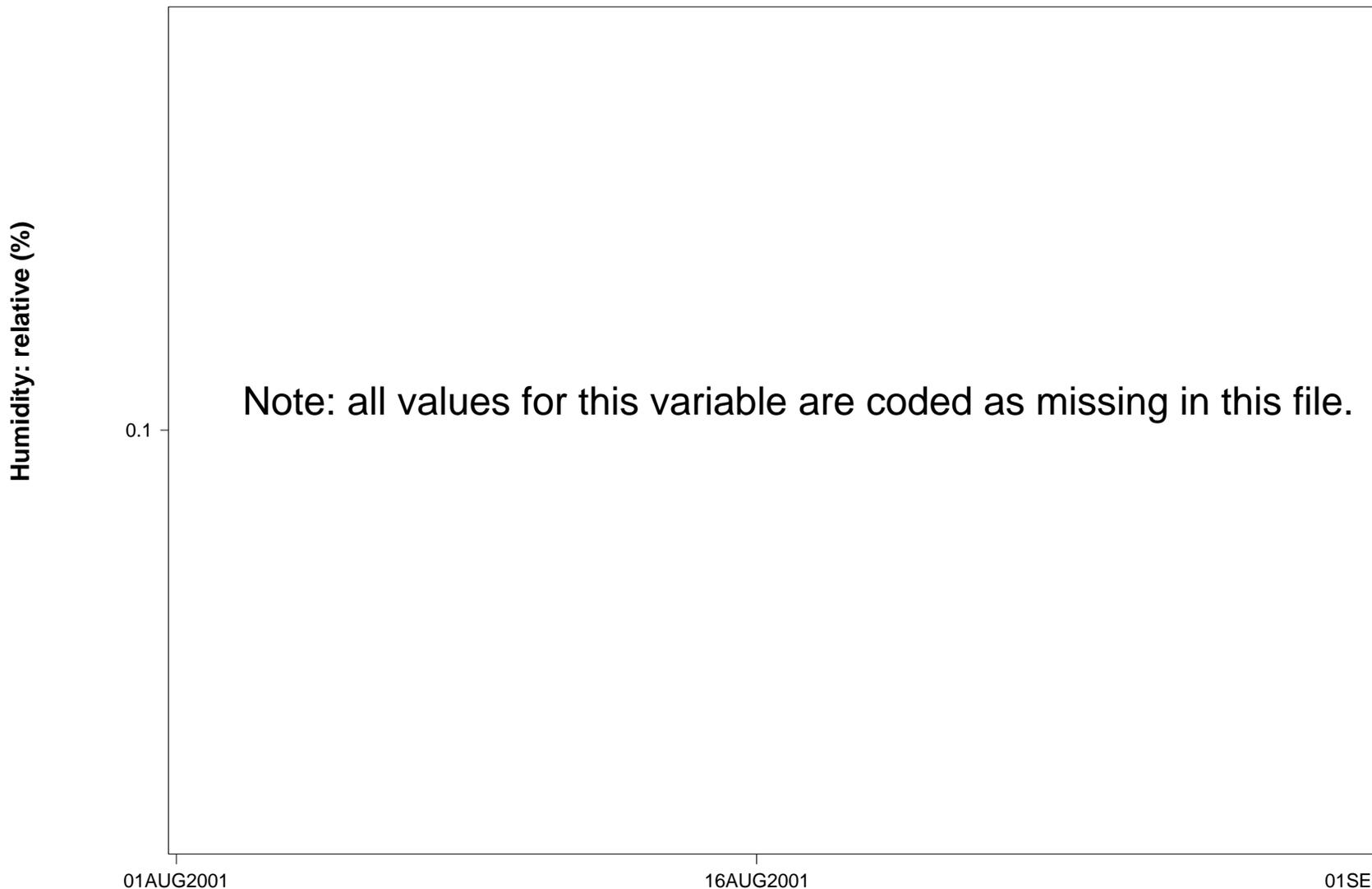
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

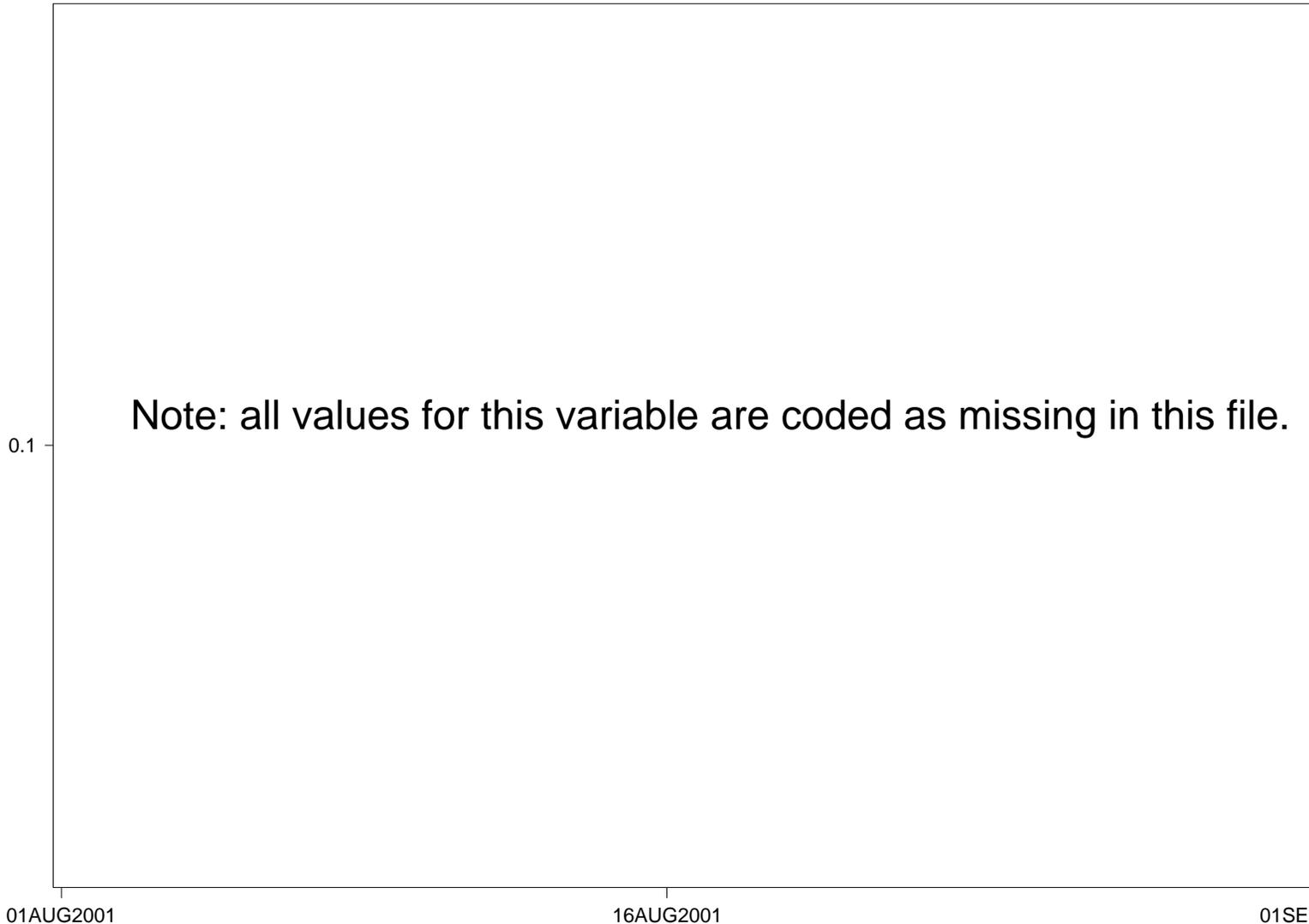
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

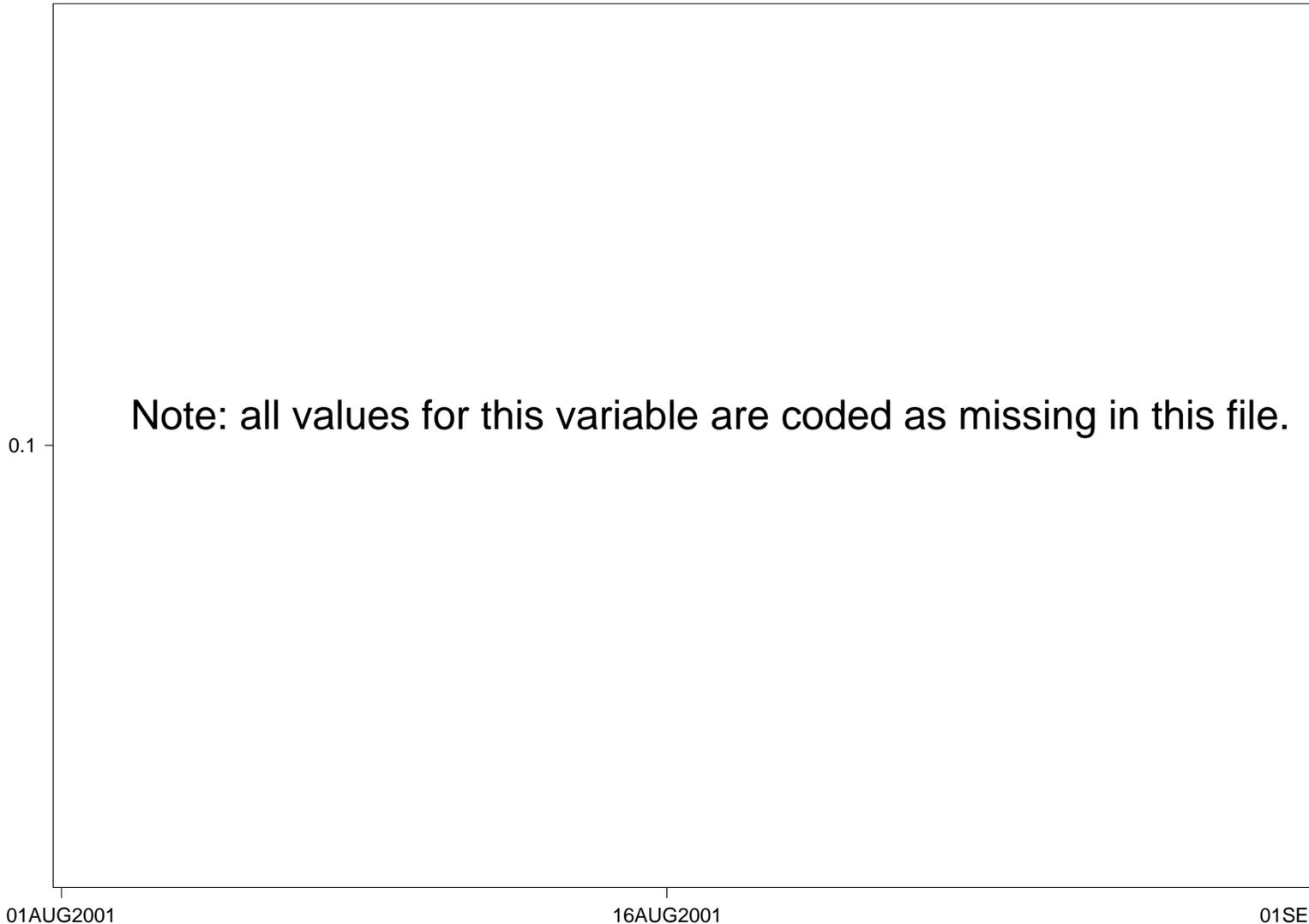
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

NOx (nitric oxide + nitrogen dioxide) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

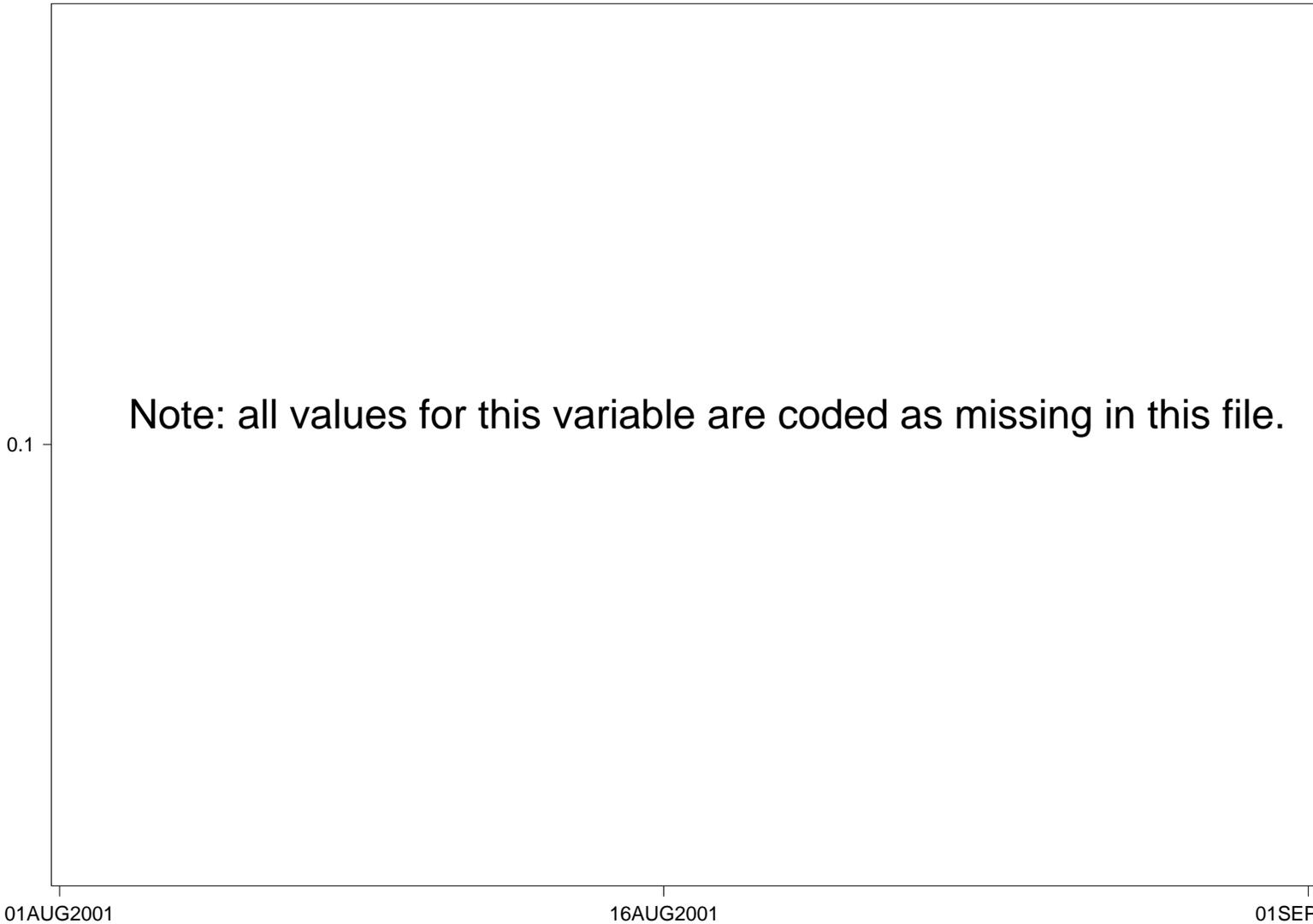
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Nitrogen oxide (NO) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

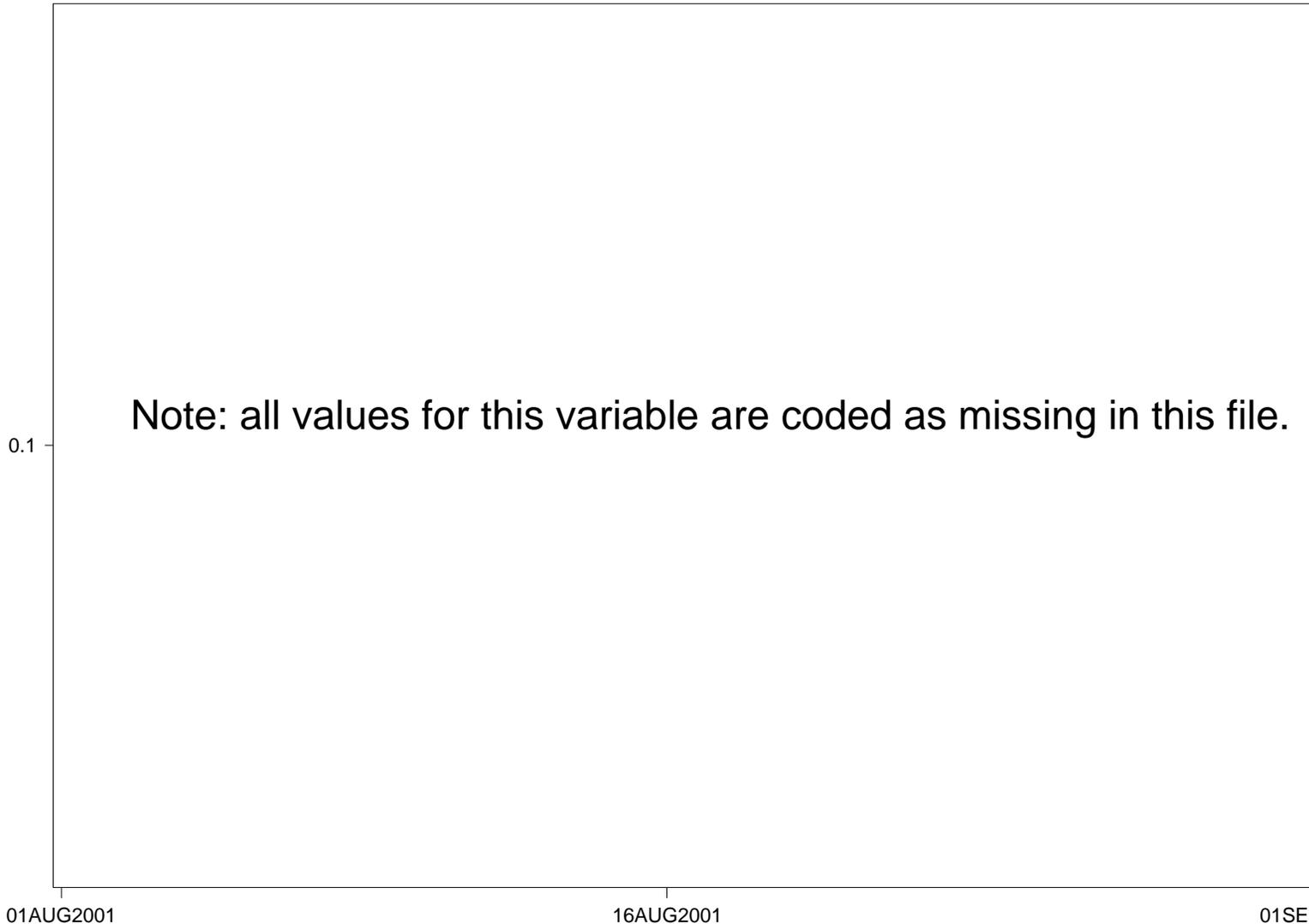
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Nitrogen oxide (NO2) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

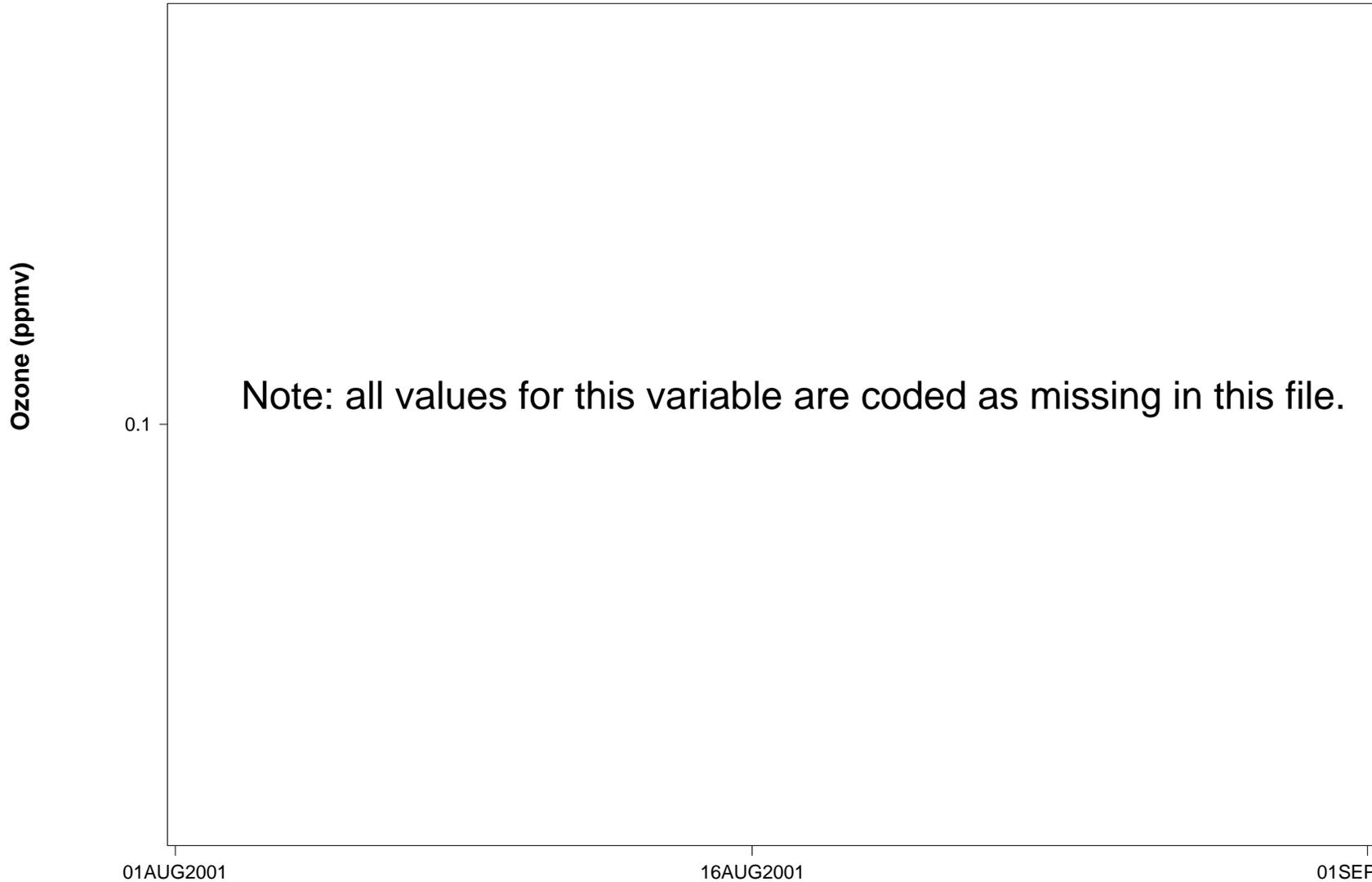
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

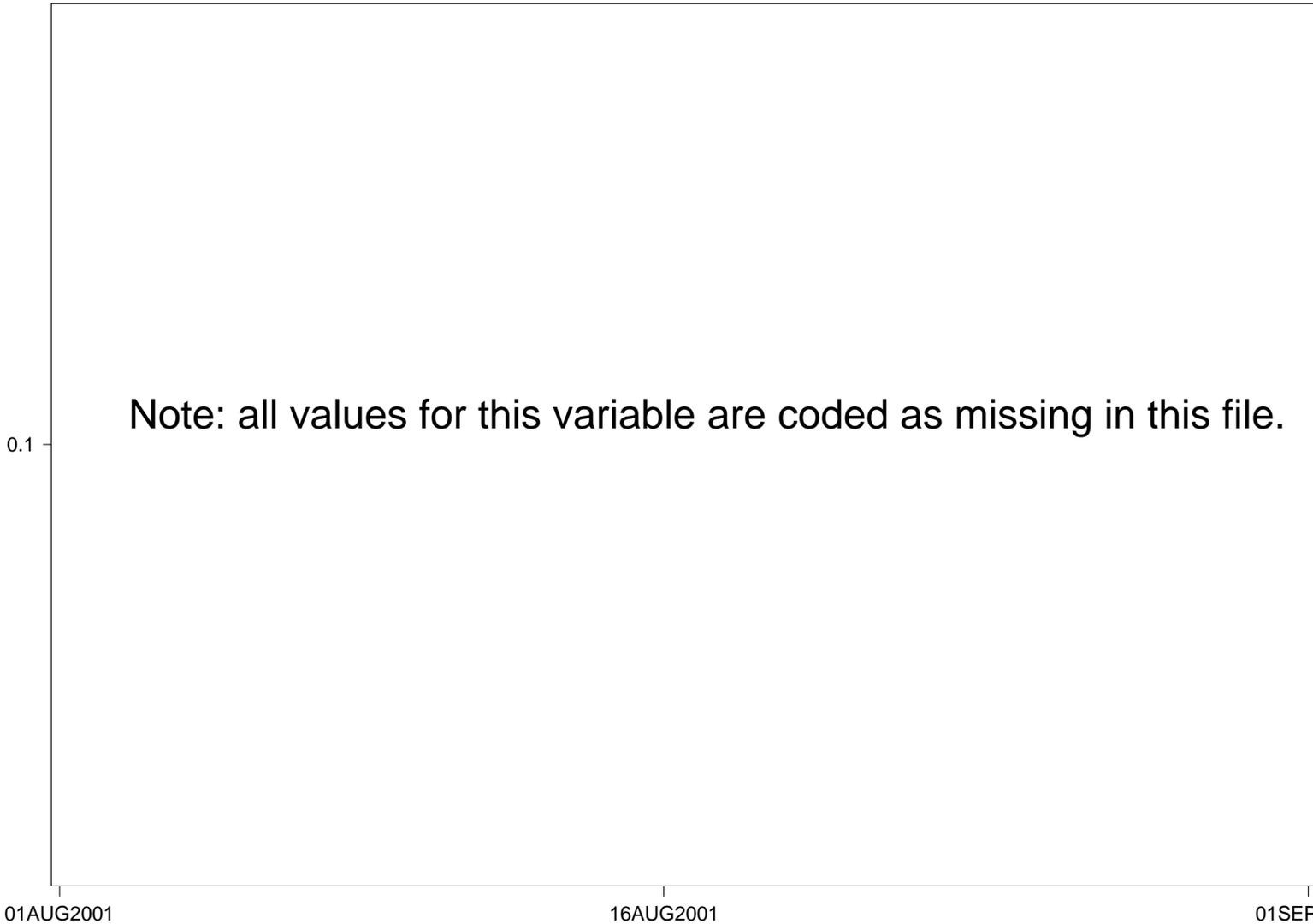
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

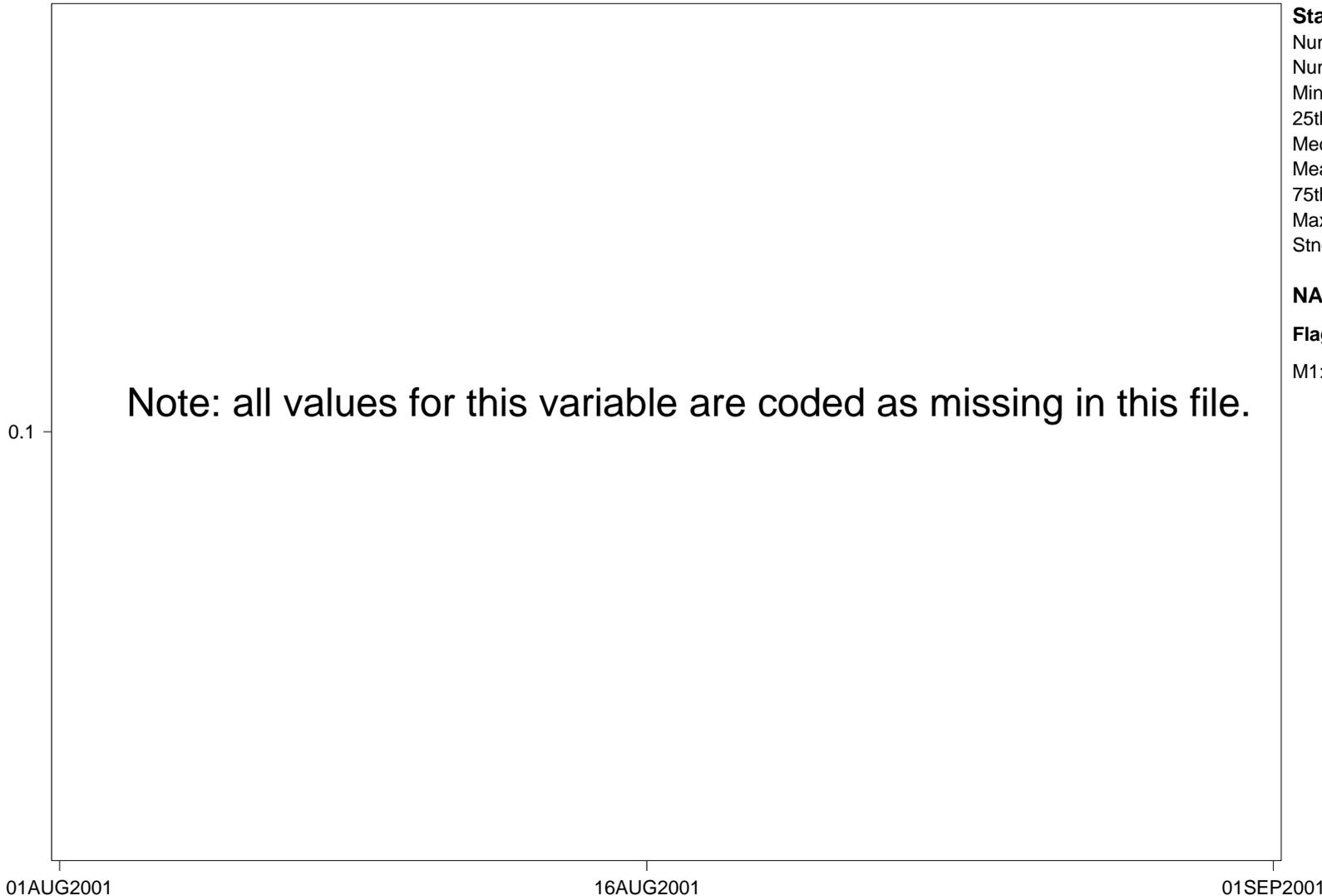
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

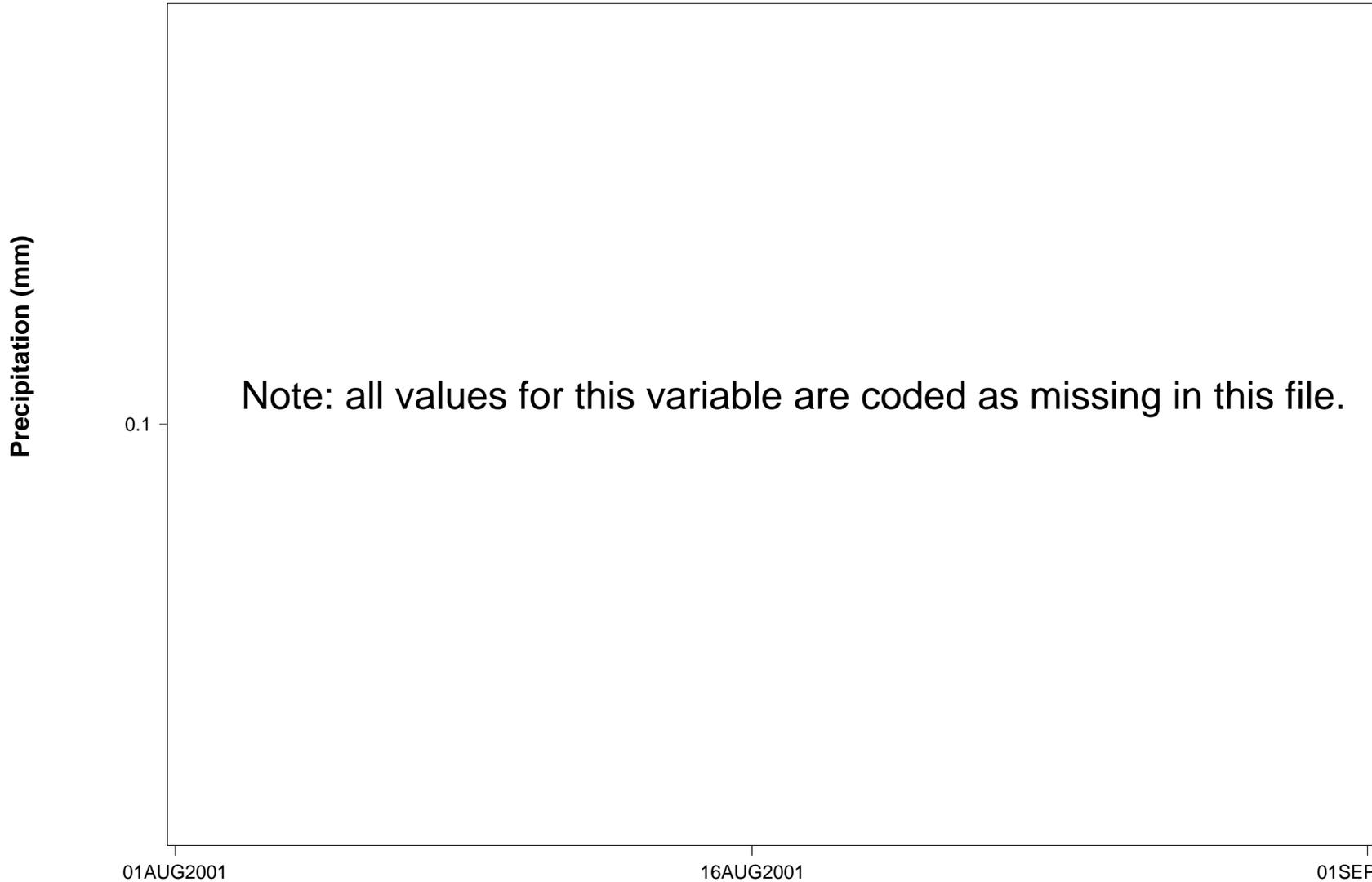
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

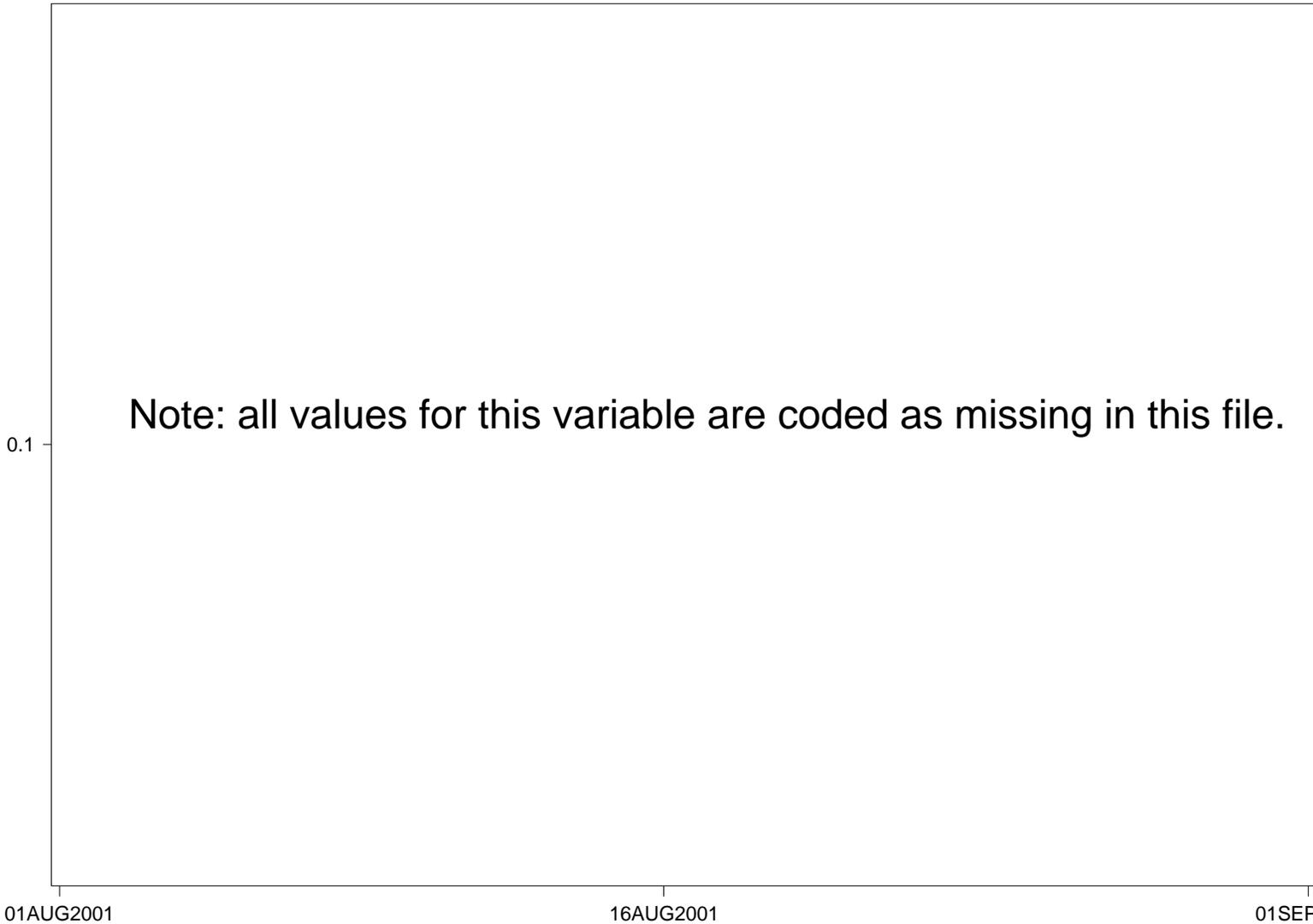
Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

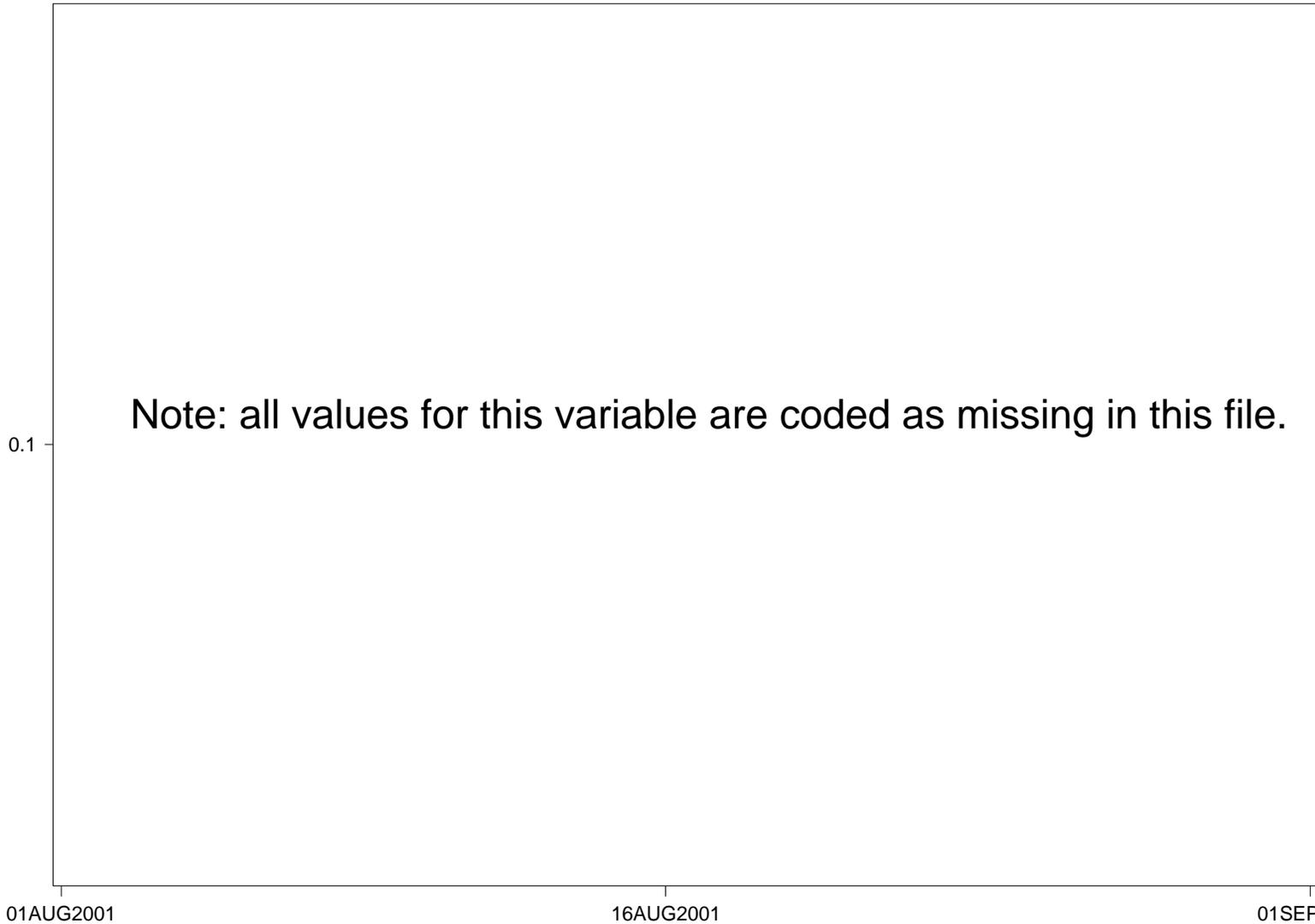
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT023** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Radiation: ultraviolet downwelling (W/m2)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

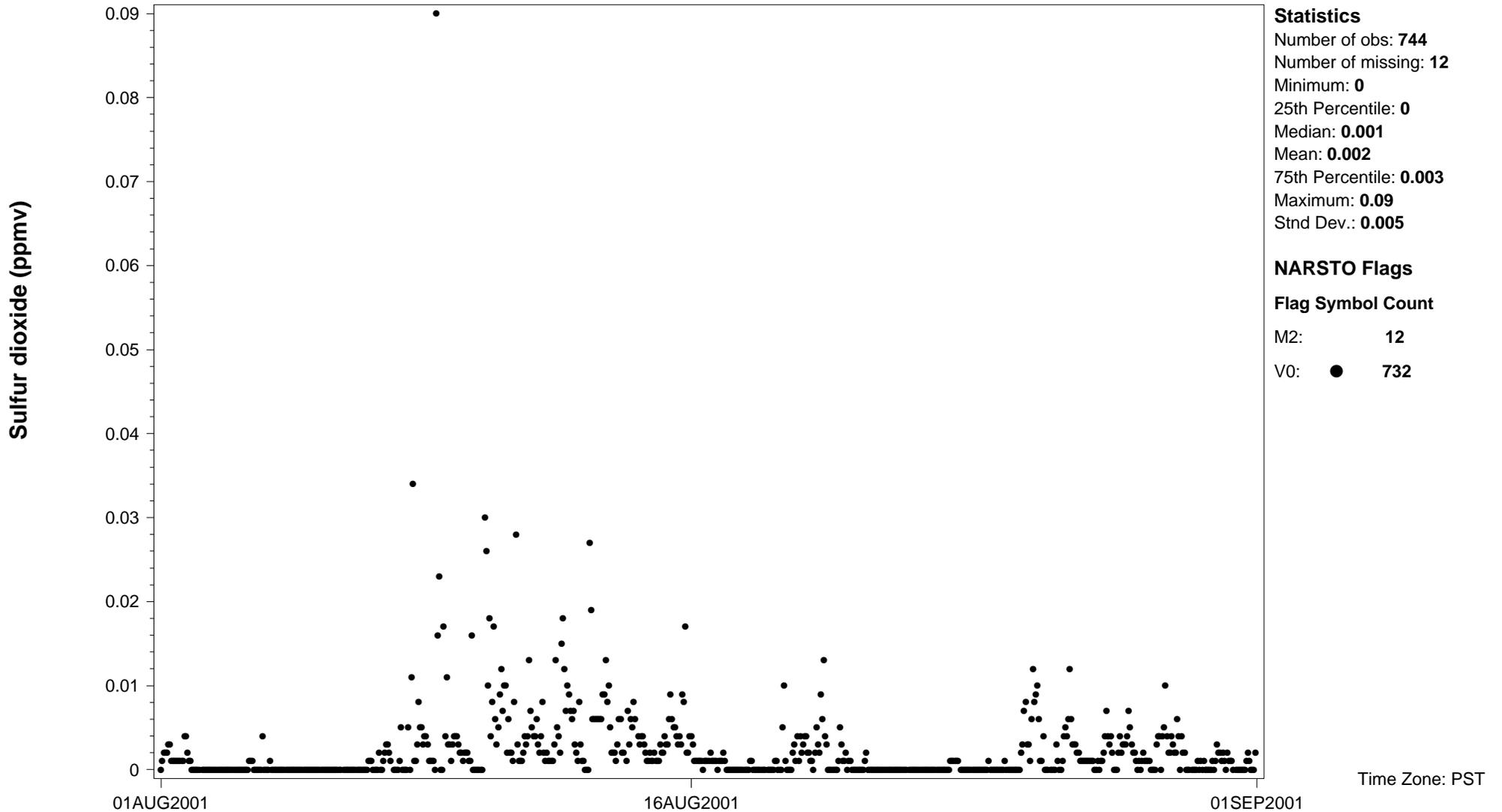
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT023** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



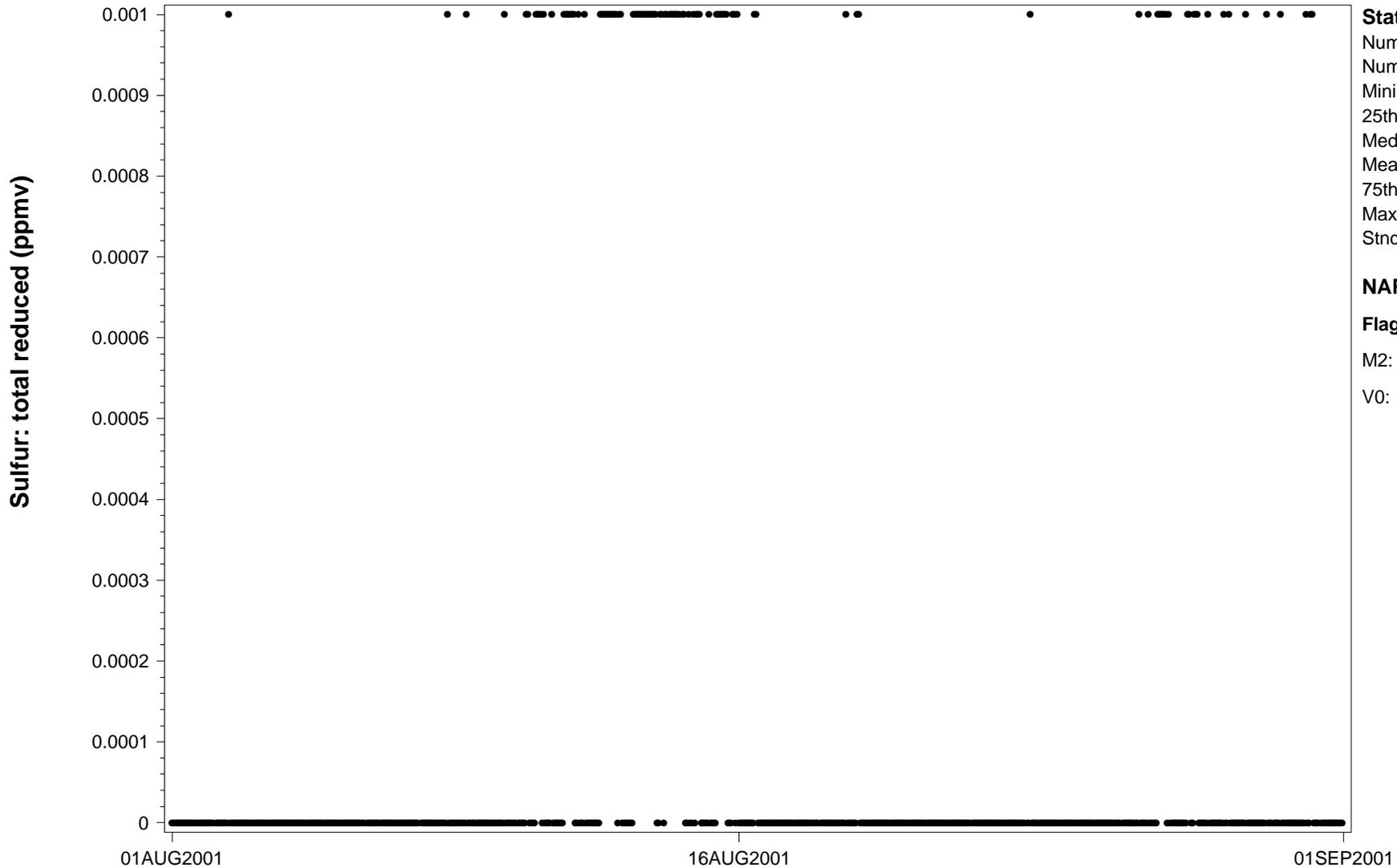
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT023** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



**Statistics**  
Number of obs: 744  
Number of missing: 12  
Minimum: 0  
25th Percentile: 0  
Median: 0  
Mean: 0.000  
75th Percentile: 0  
Maximum: 0.001  
Std Dev.: 0.000

**NARSTO Flags**  
**Flag Symbol Count**  
M2: 12  
V0: ● 732

Time Zone: PST

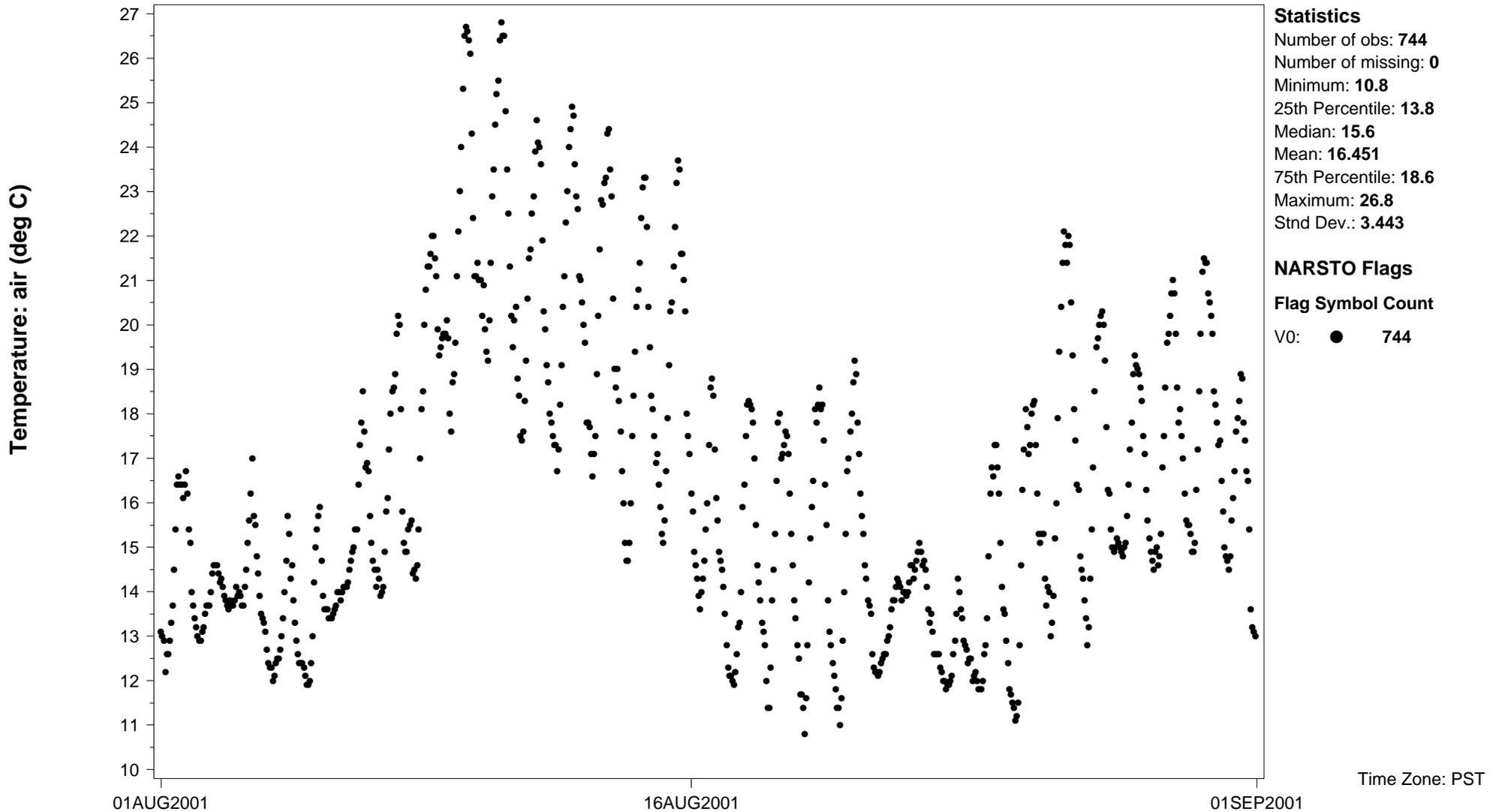
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT023** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



# NAtChem Time Series Plot

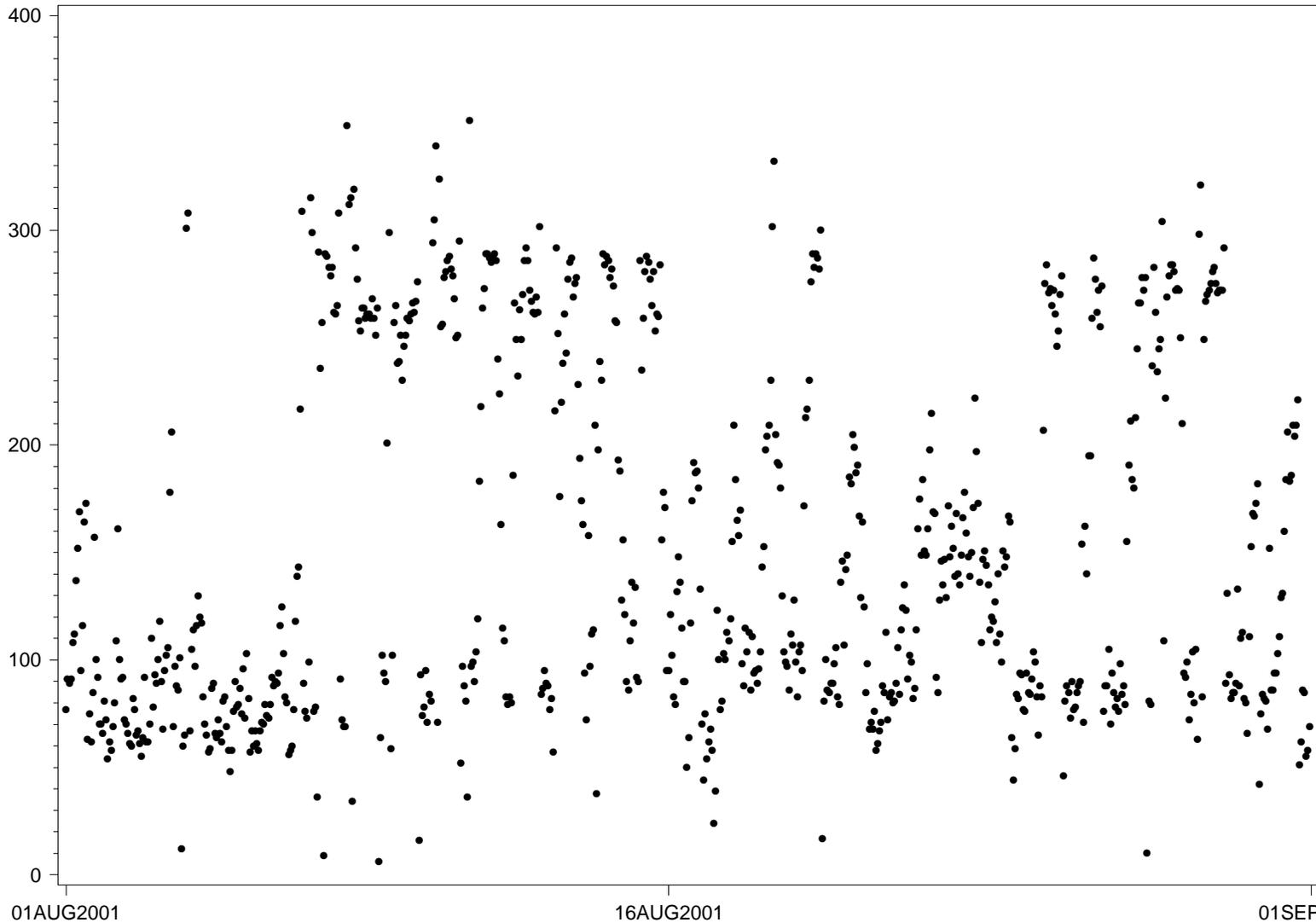
30SEP2004

Site ID: **PC01CABCT023** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Wind direction: horizontal mean scalar (decimal degree)



## Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **6**  
25th Percentile: **84**  
Median: **117**  
Mean: **152.013**  
75th Percentile: **237.5**  
Maximum: **351**  
Std Dev.: **82.973**

## NARSTO Flags

Flag Symbol Count  
V0: ● 744

Time Zone: PST

# NAtChem Time Series Plot

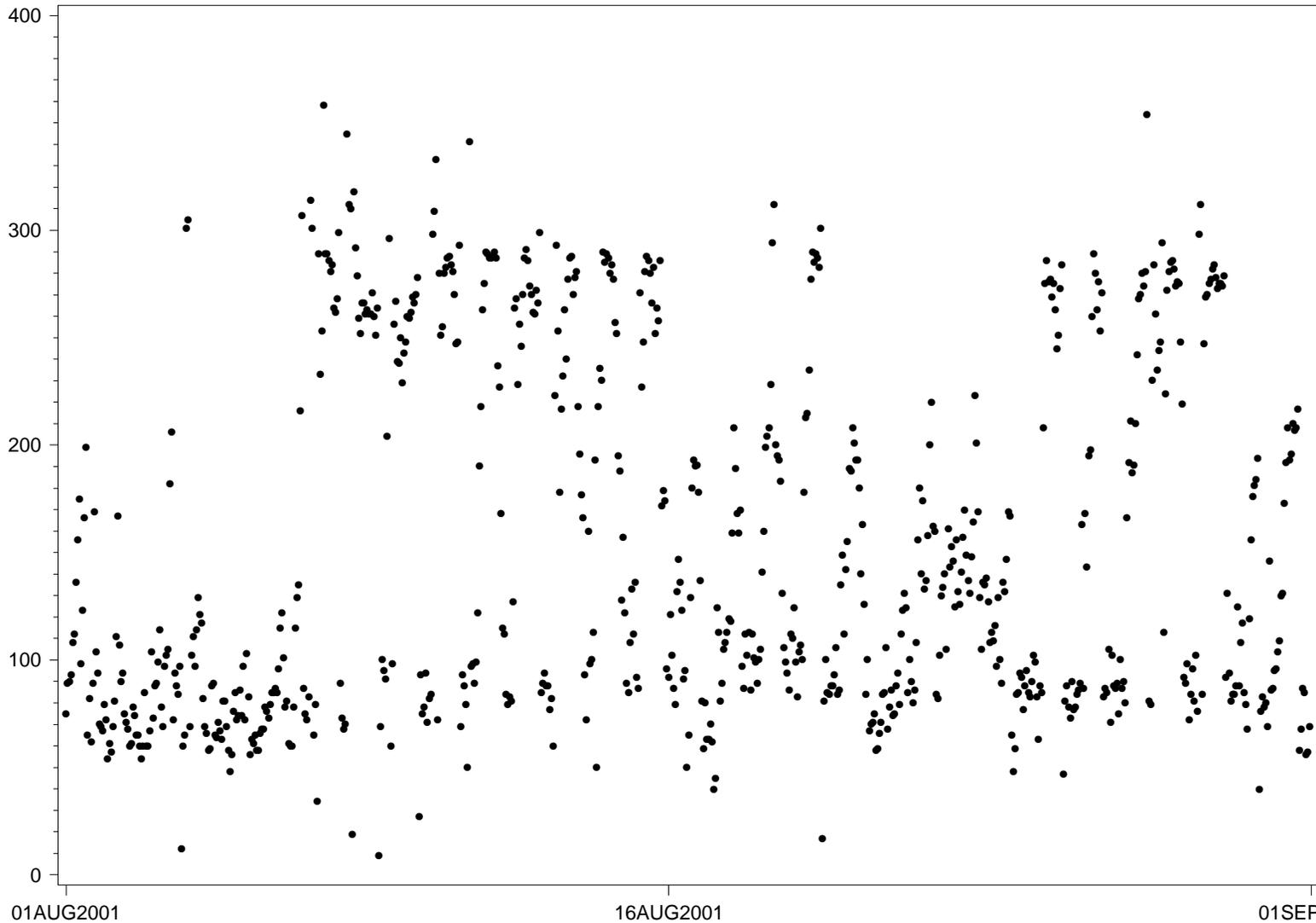
30SEP2004

Site ID: **PC01CABCT023** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
Number of obs: **744**  
Number of missing: **0**  
Minimum: **9**  
25th Percentile: **84**  
Median: **116.5**  
Mean: **152.755**  
75th Percentile: **236.5**  
Maximum: **358**  
Std Dev.: **83.326**

**NARSTO Flags**  
Flag Symbol Count  
V0: ● **744**

Time Zone: PST

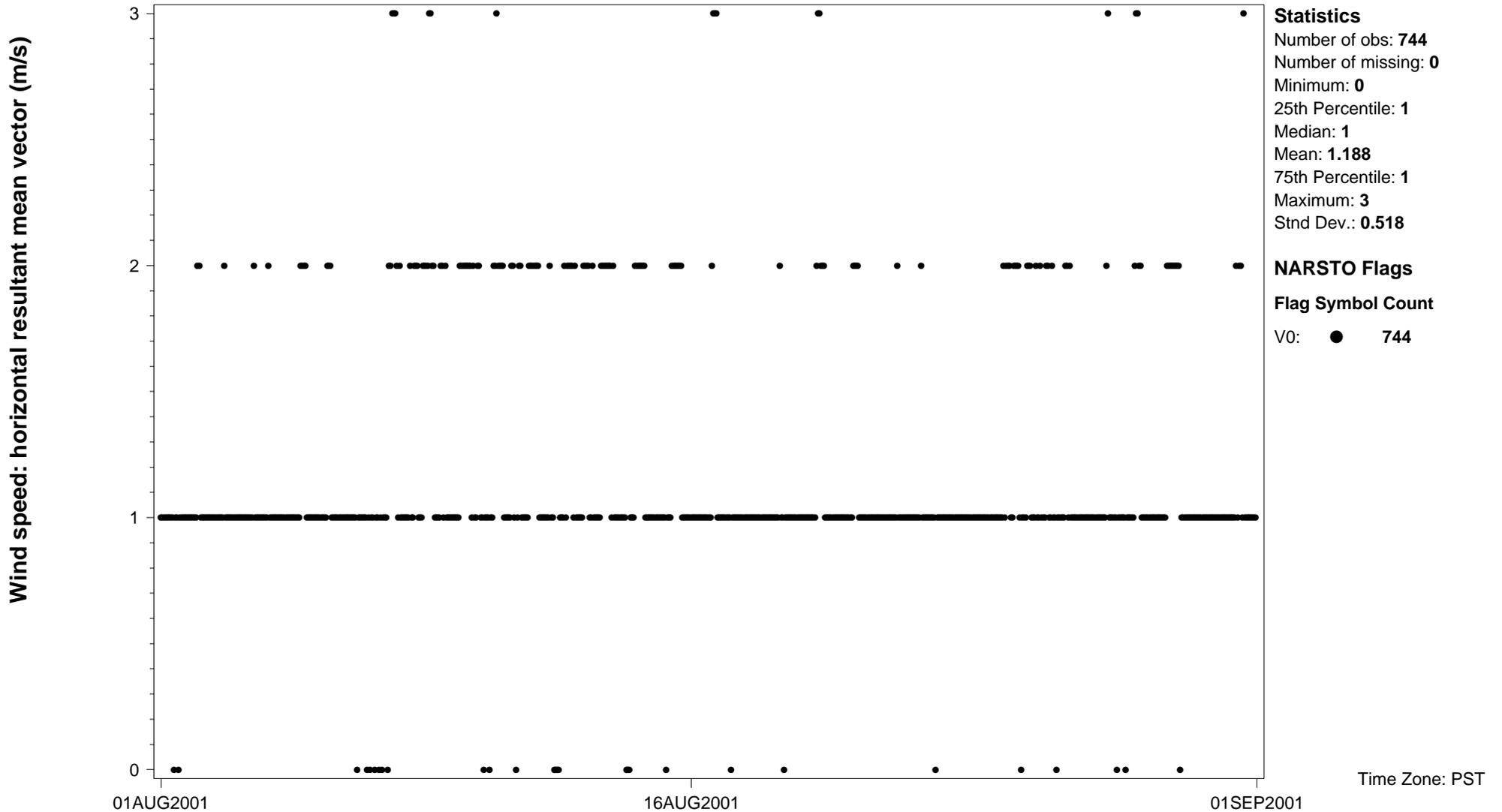
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT023** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta



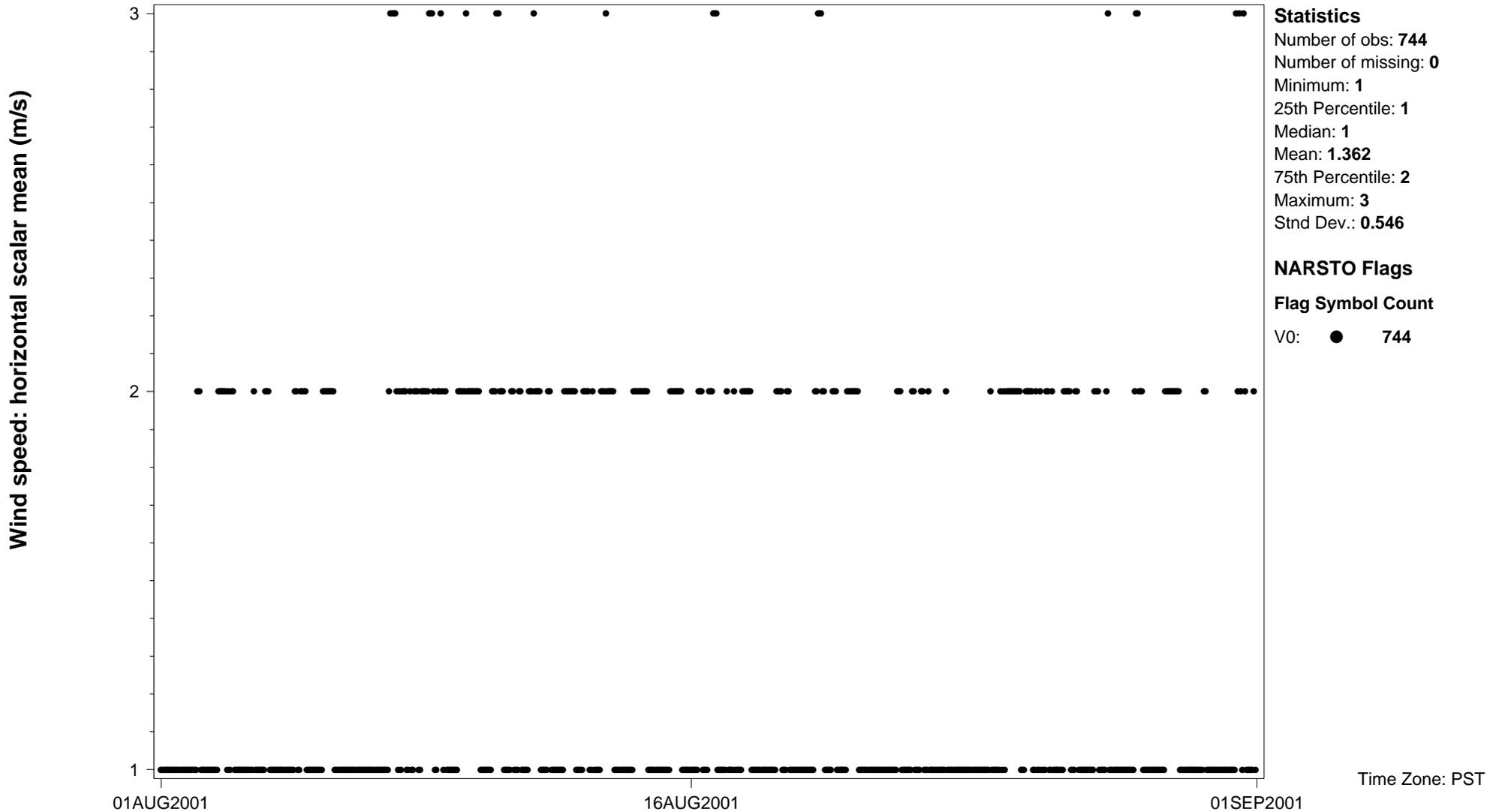
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT023** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CAPTIOL HILL - GROSVENOR CRESENT - NORTH BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.28777778 deg.** Longitude: **-122.9855556 deg.** Sta

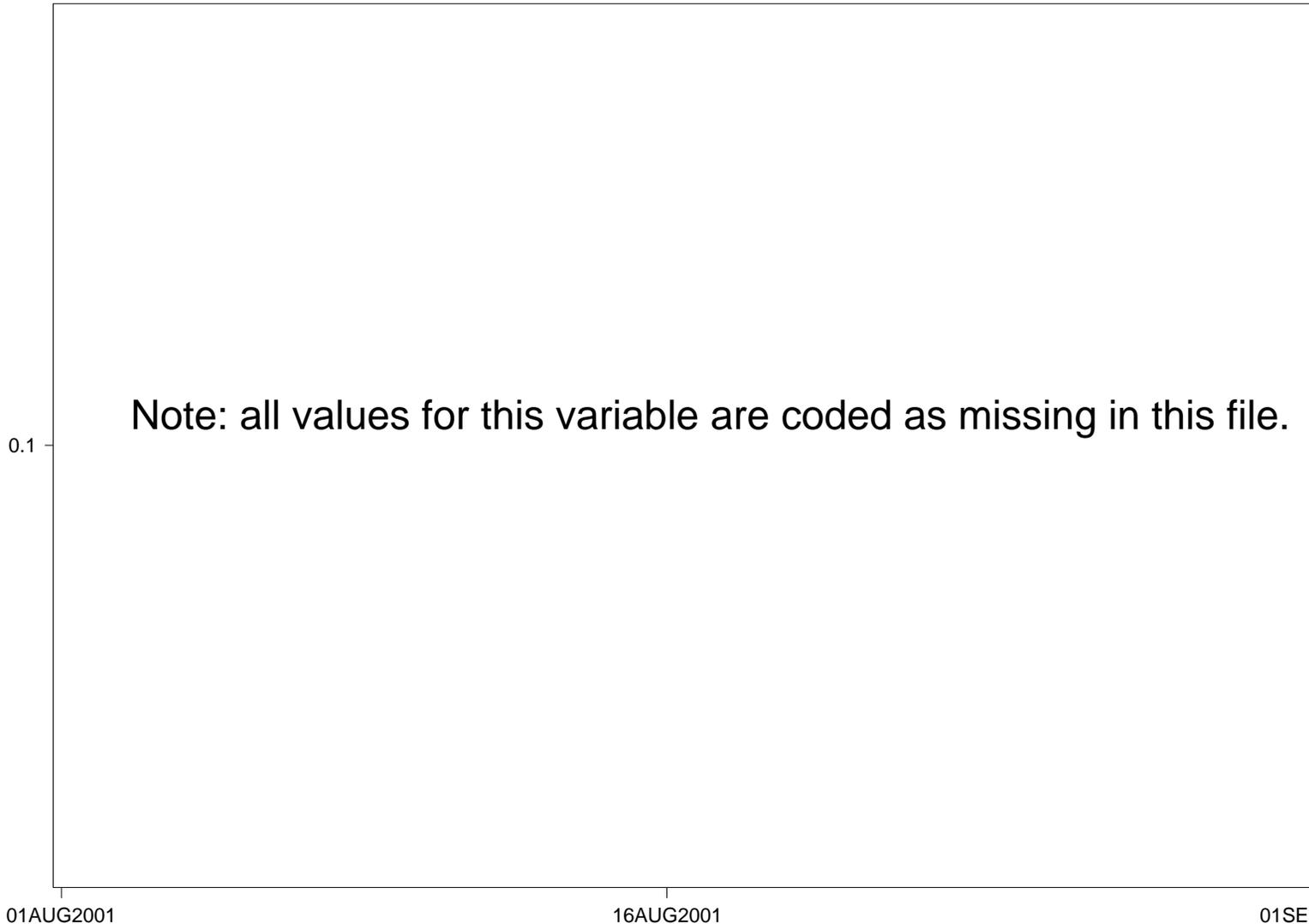


Site ID: **PC01CABCT024** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

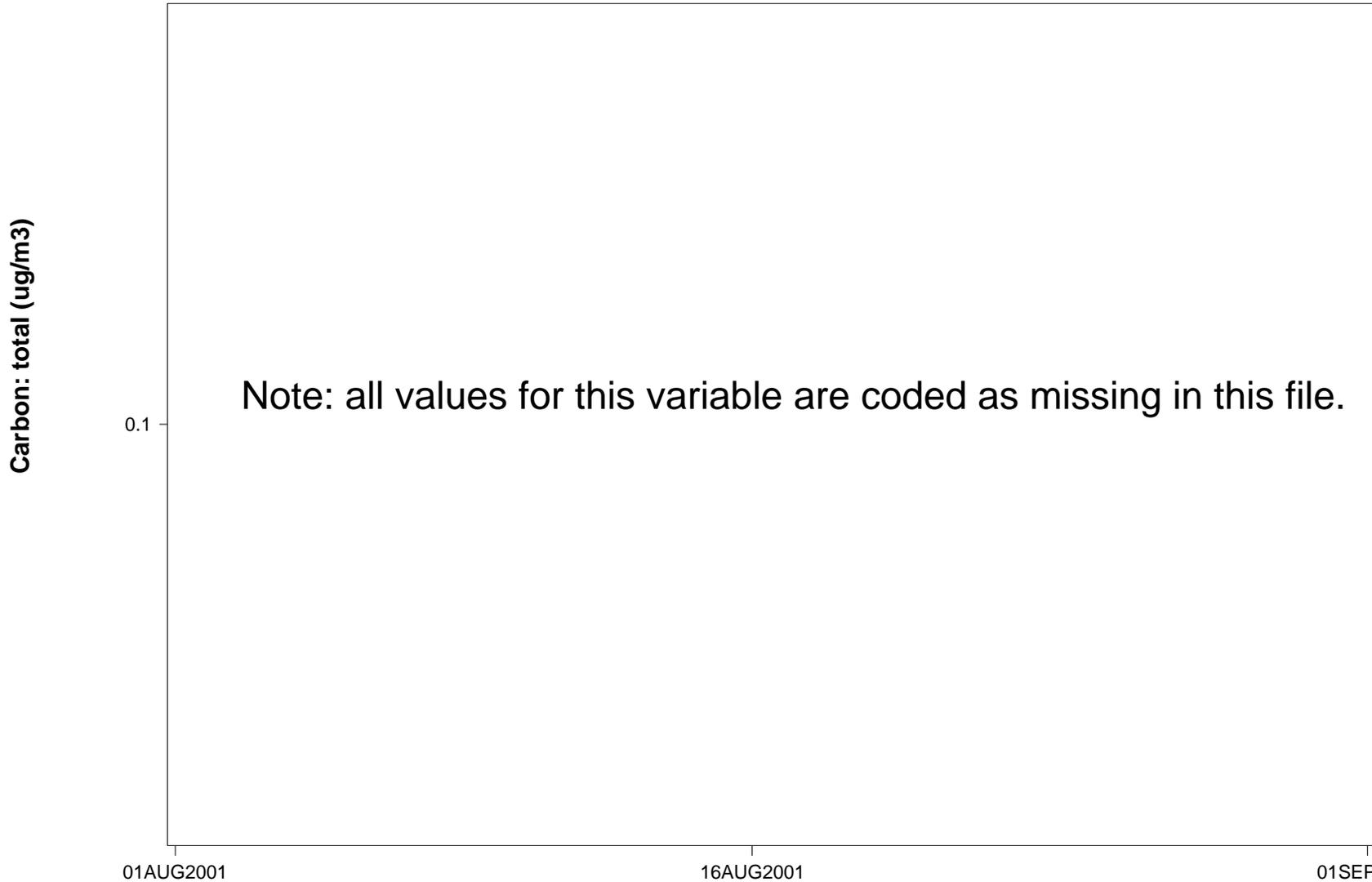
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

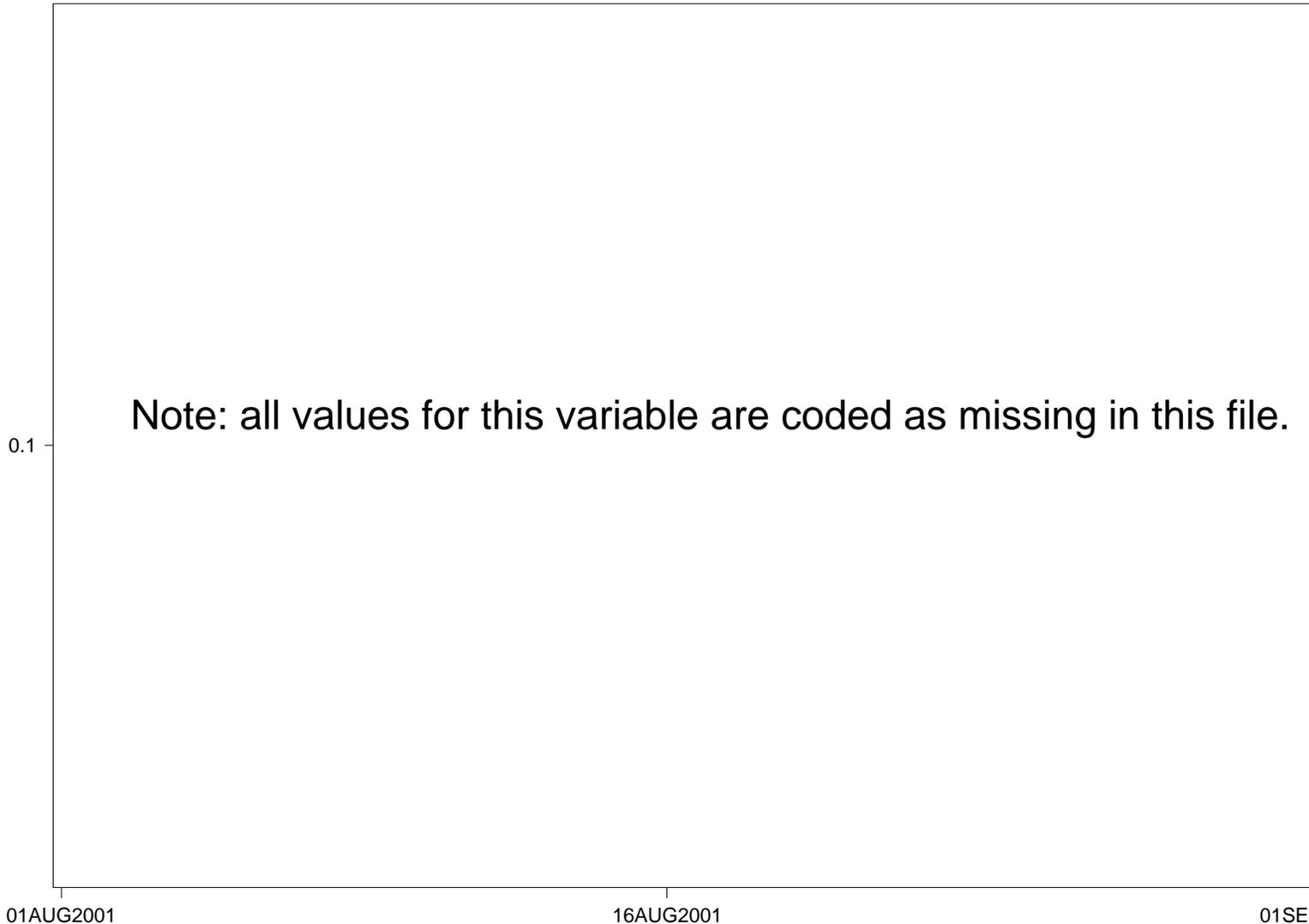
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

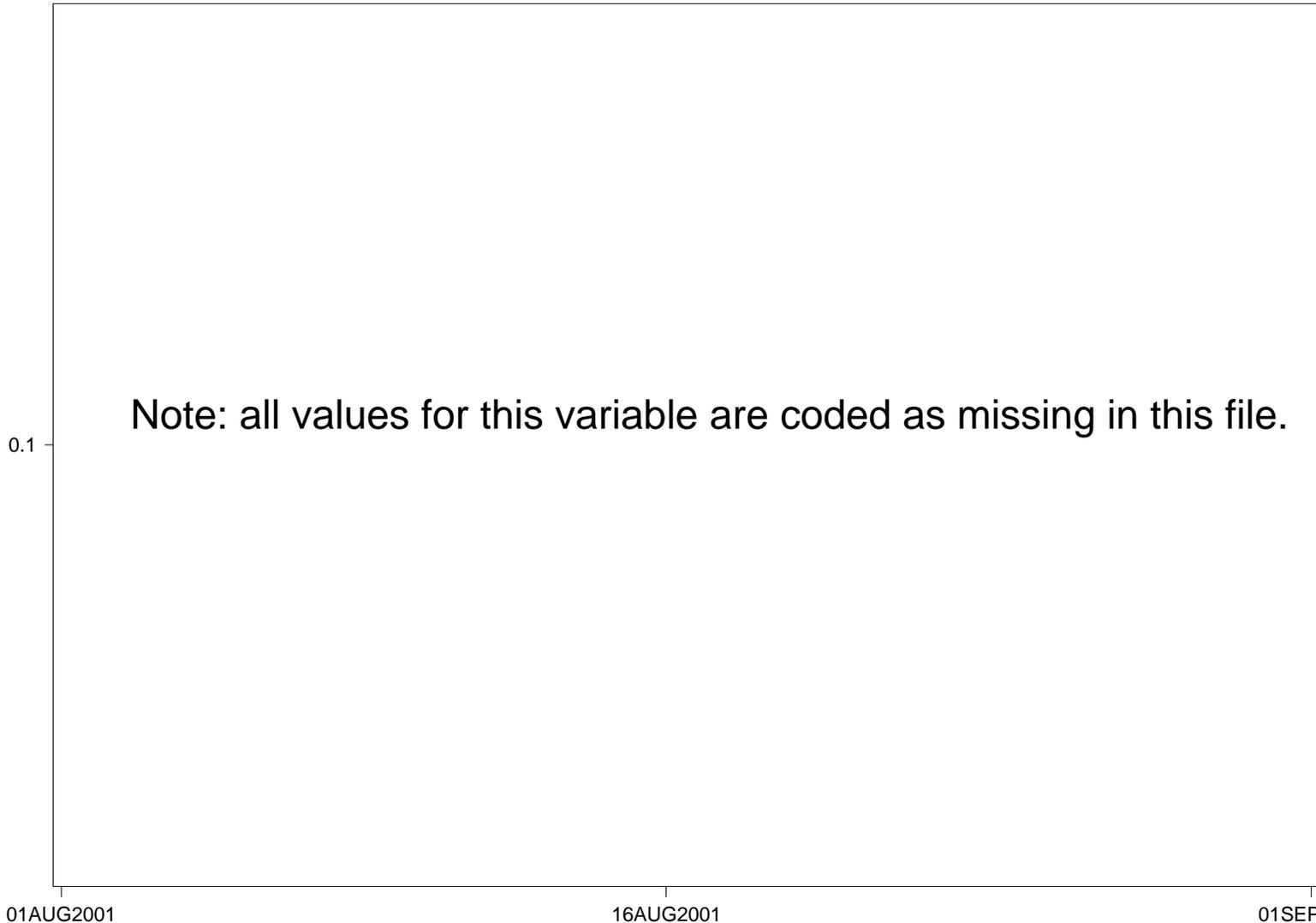
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

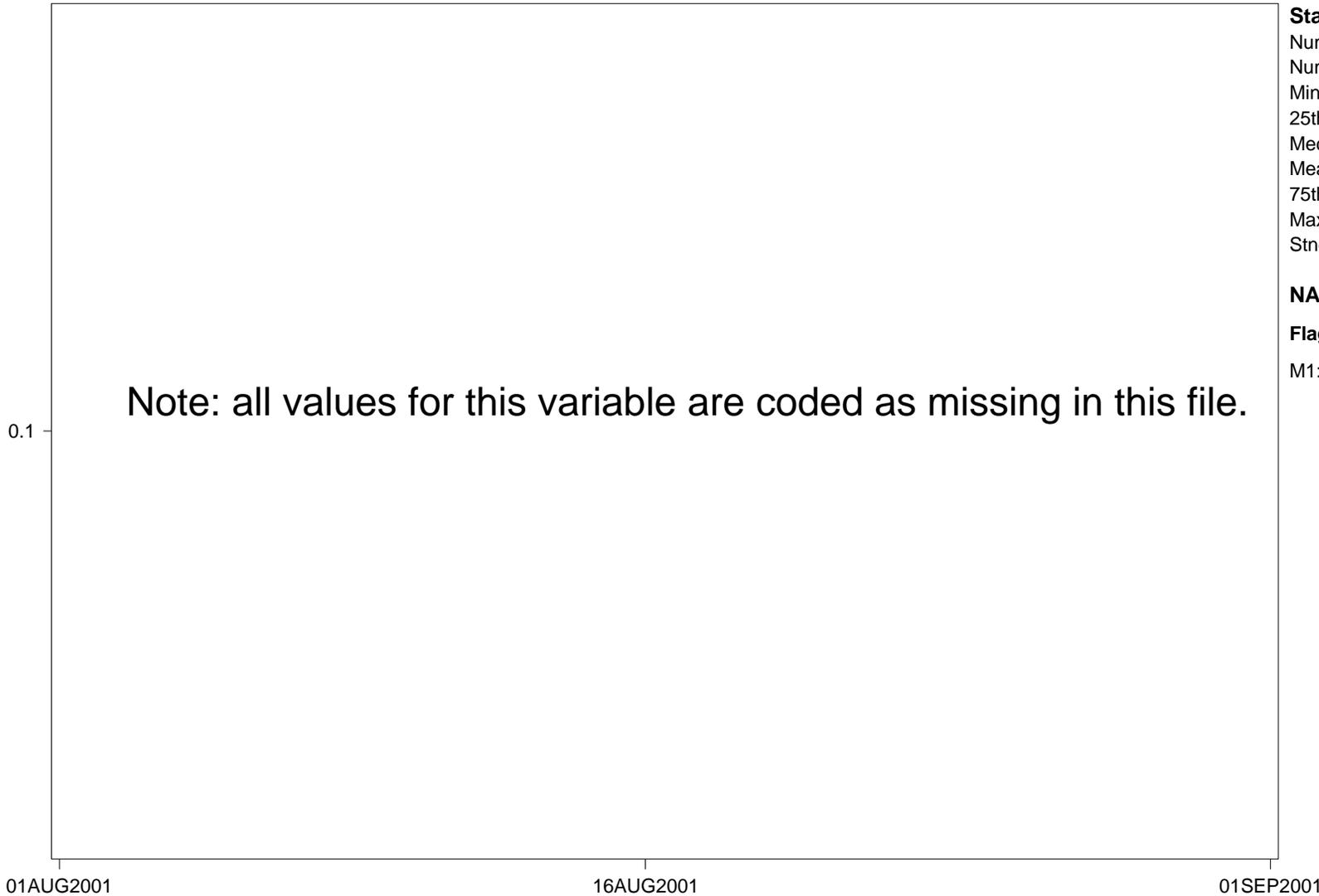
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

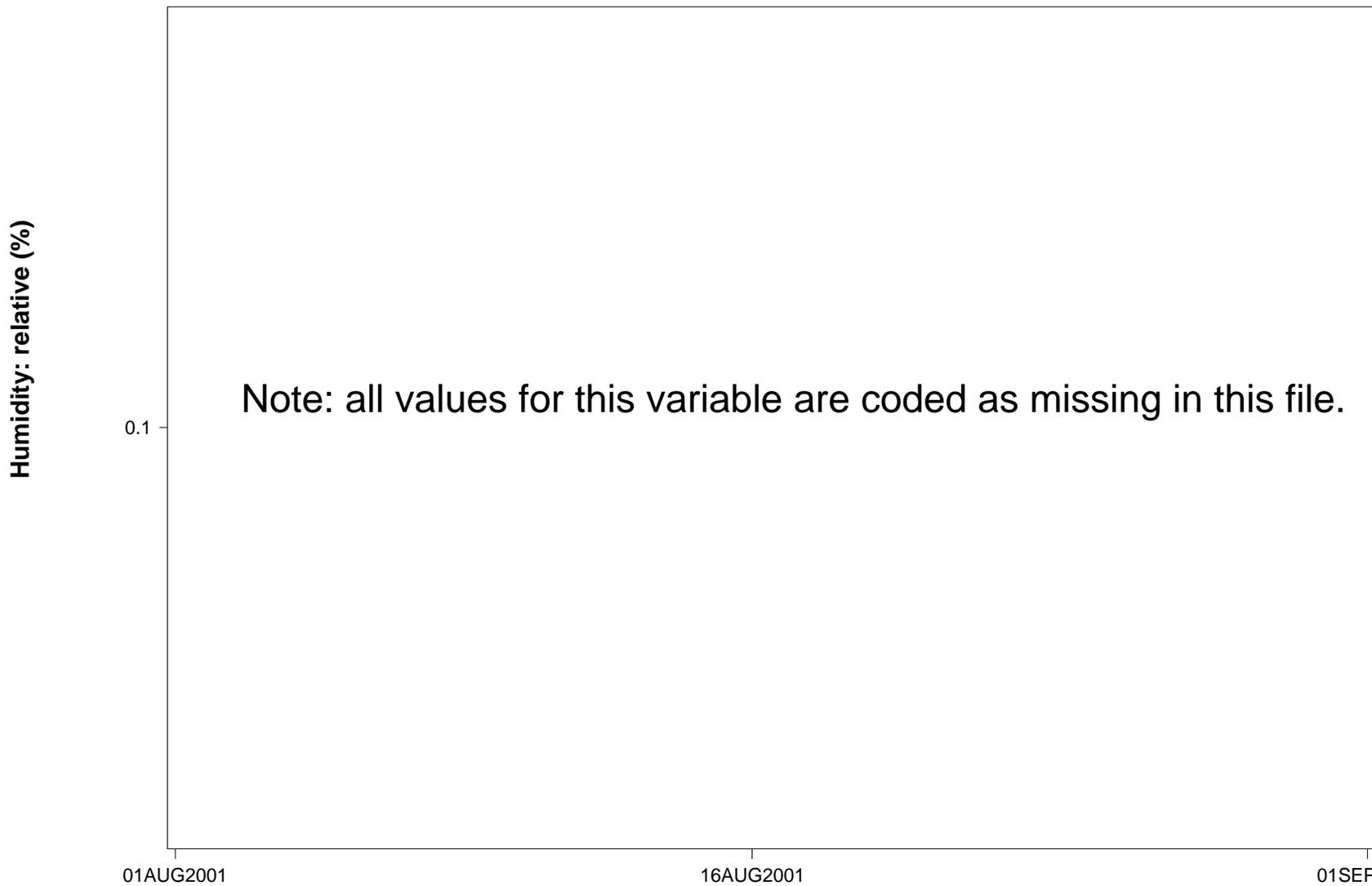
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

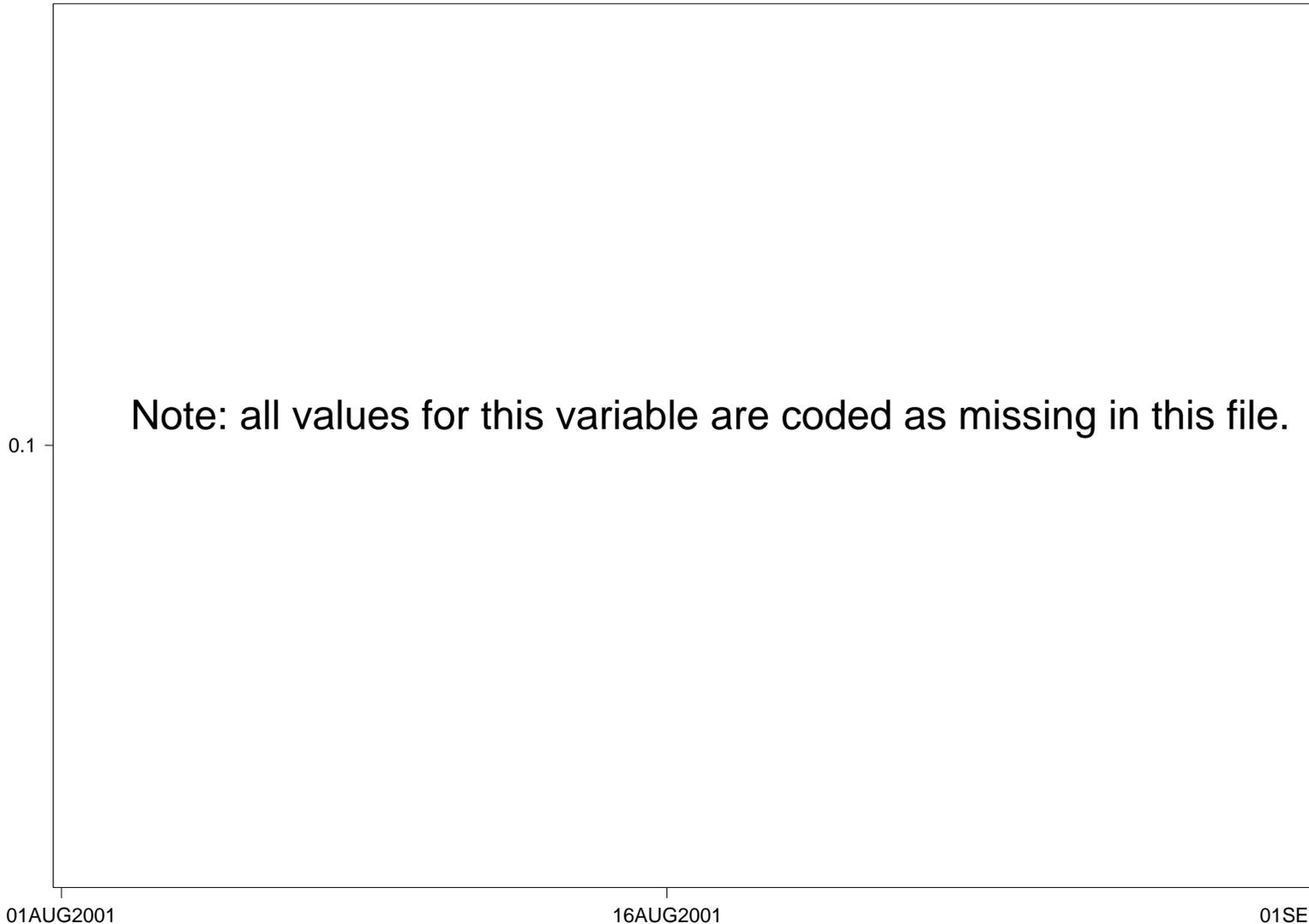
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

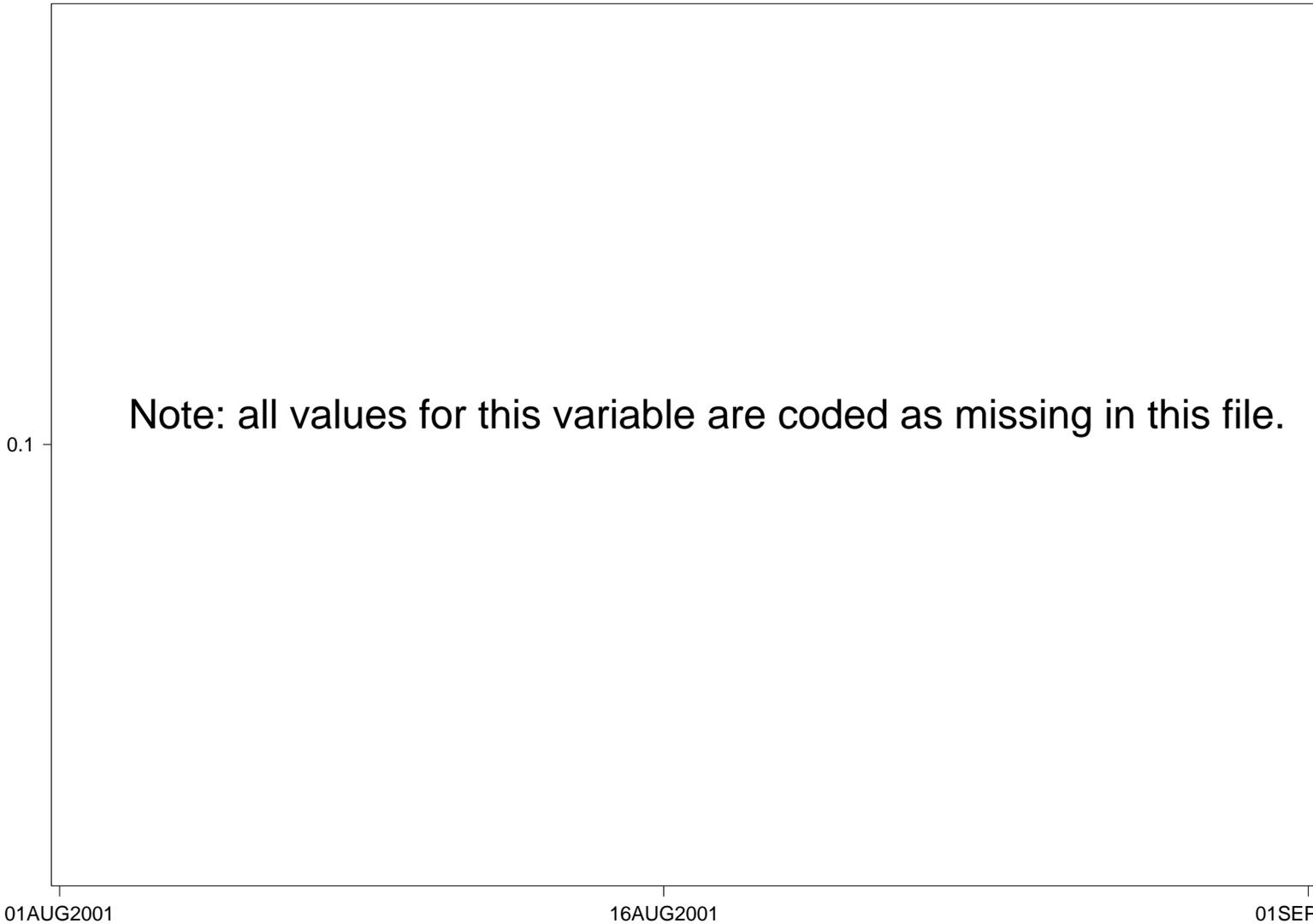
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

NOx (nitric oxide + nitrogen dioxide) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

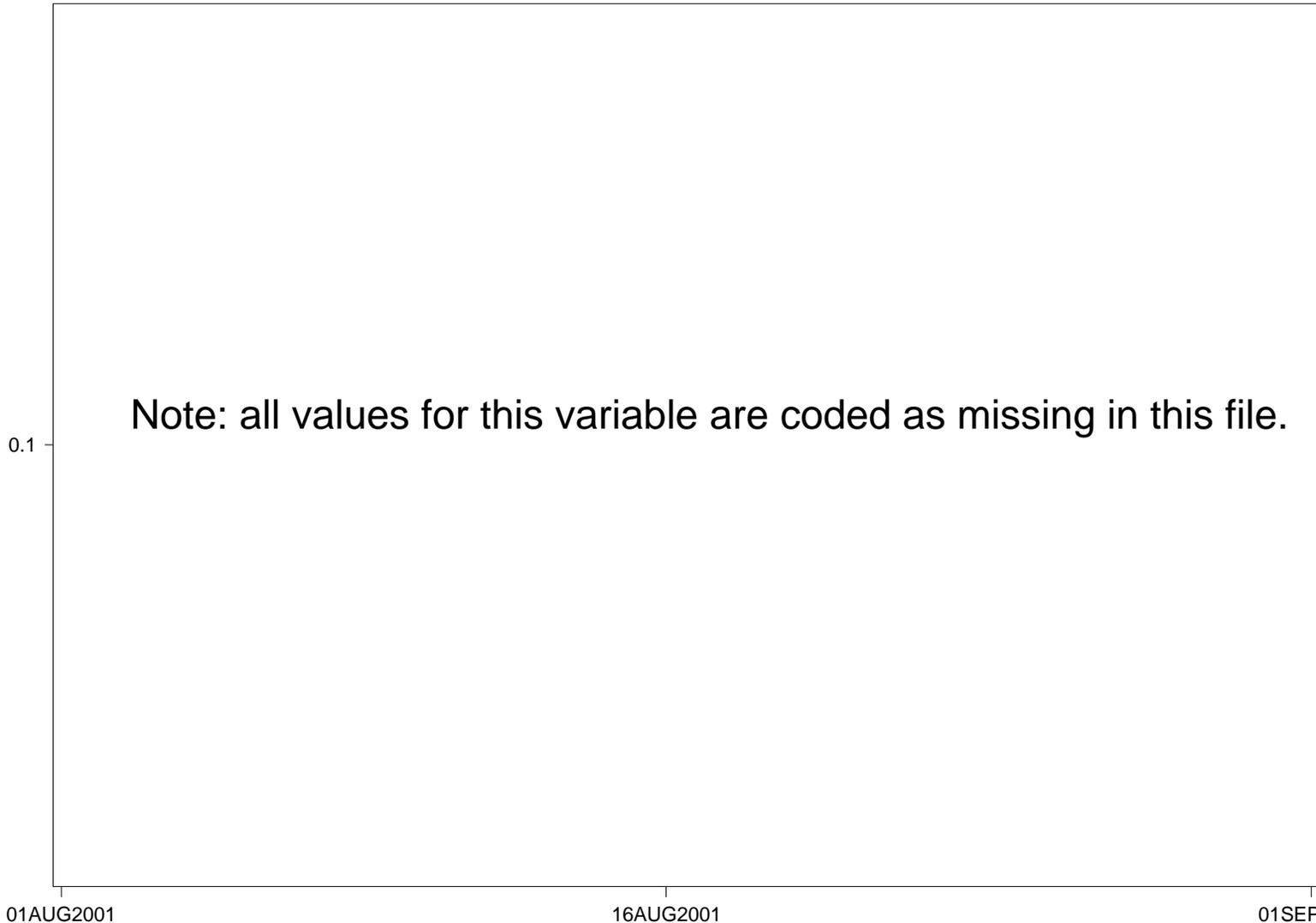
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Nitrogen oxide (NO) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

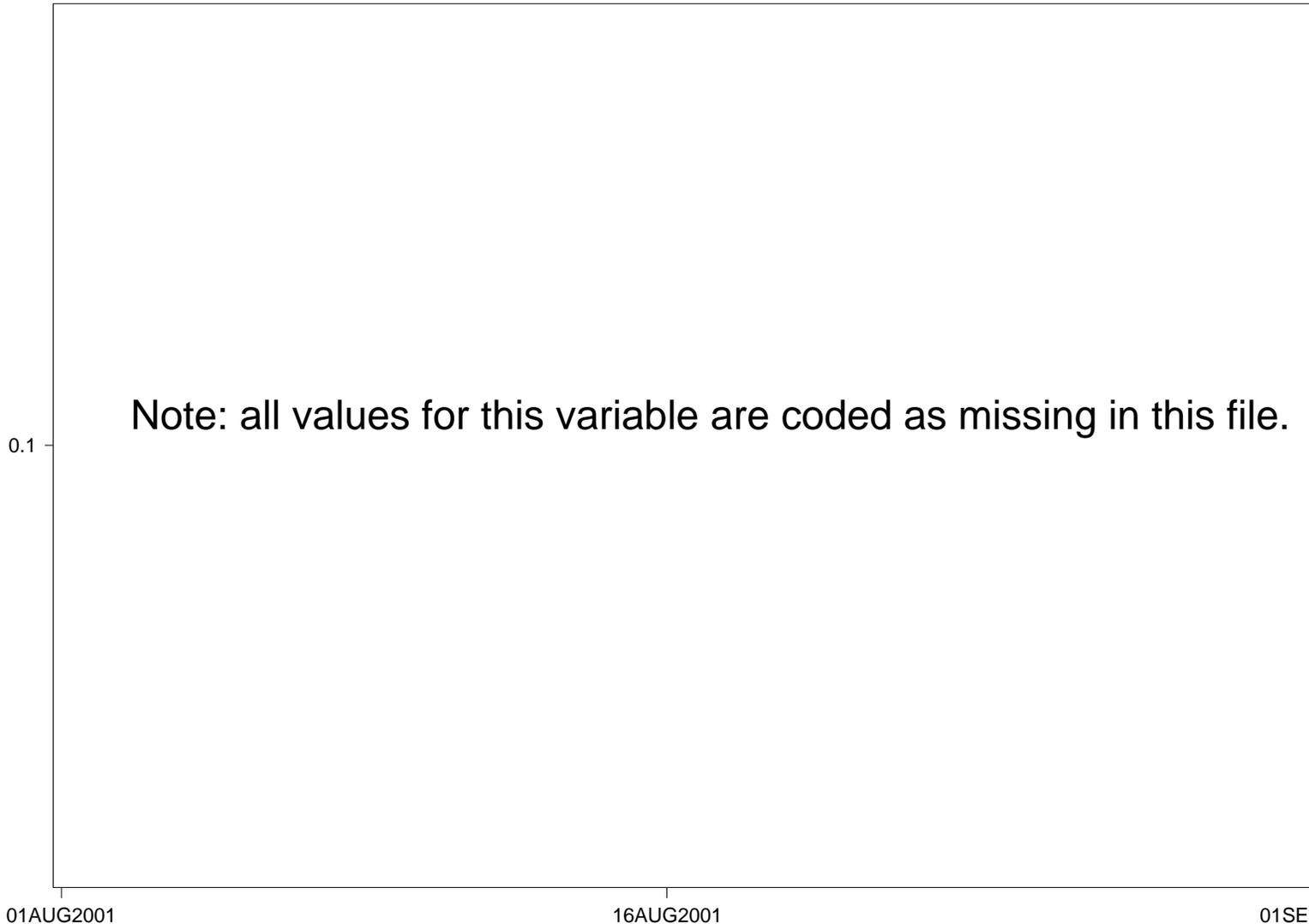
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Nitrogen oxide (NO2) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

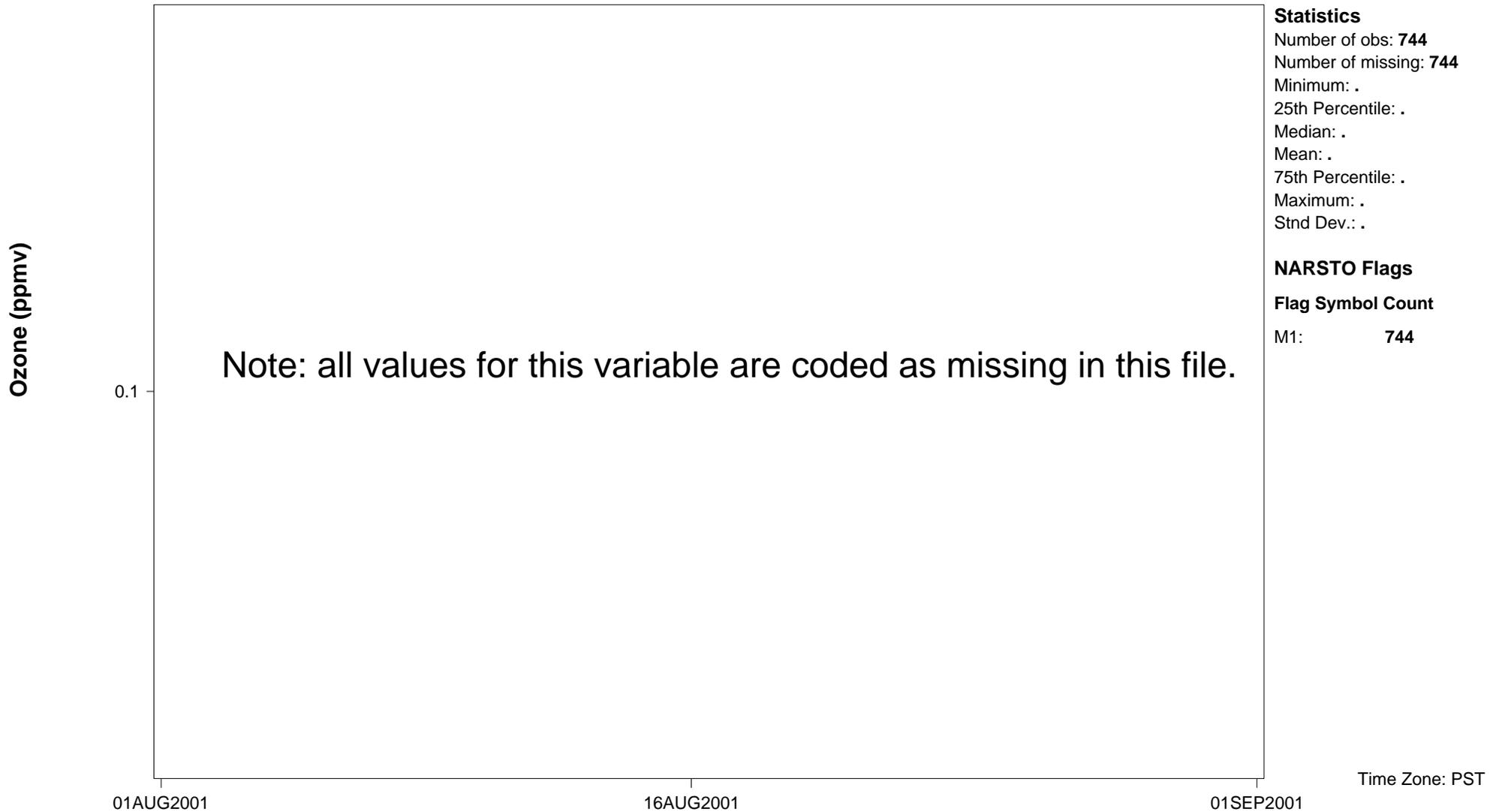
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

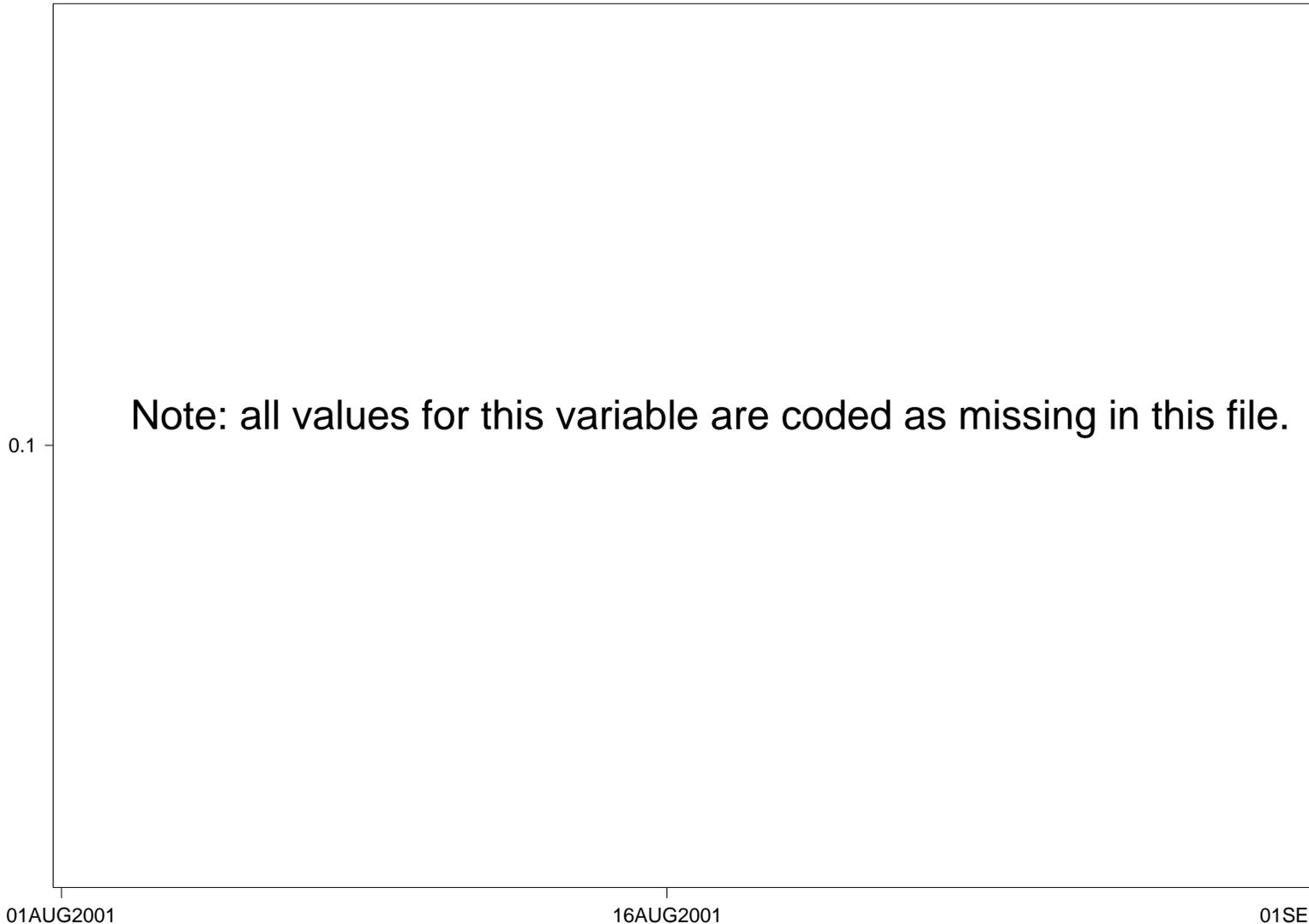


Site ID: **PC01CABCT024** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

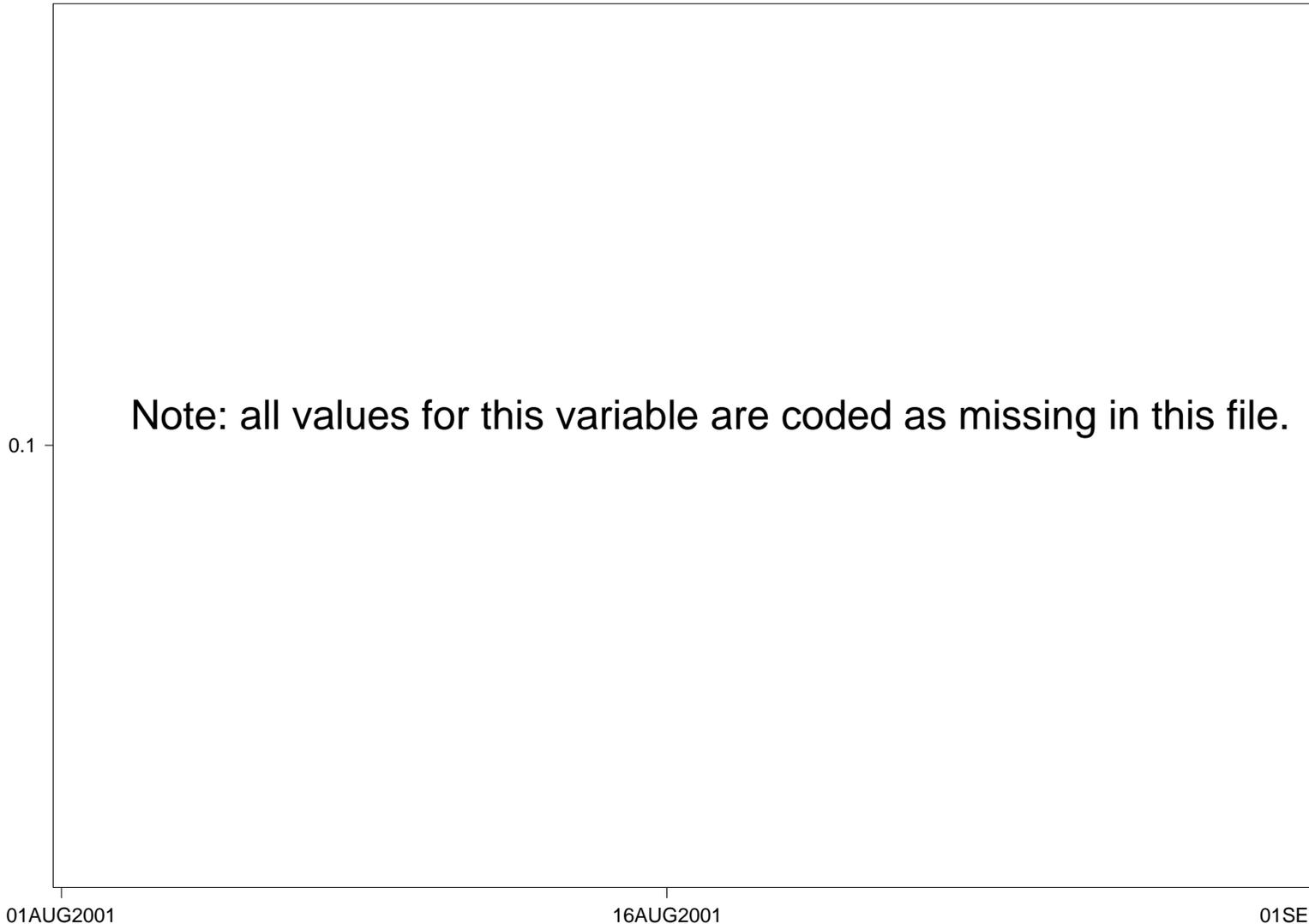
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

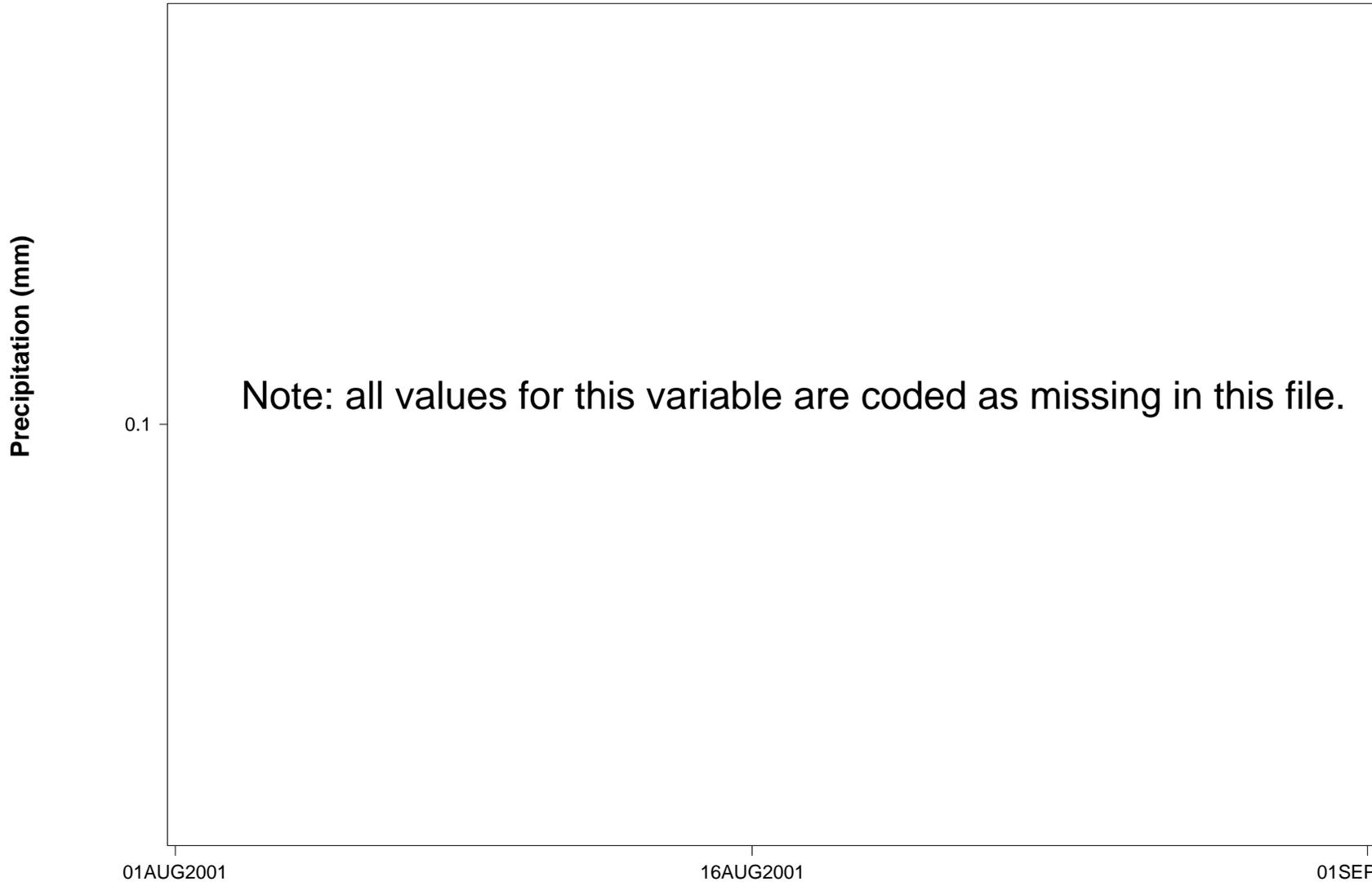
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

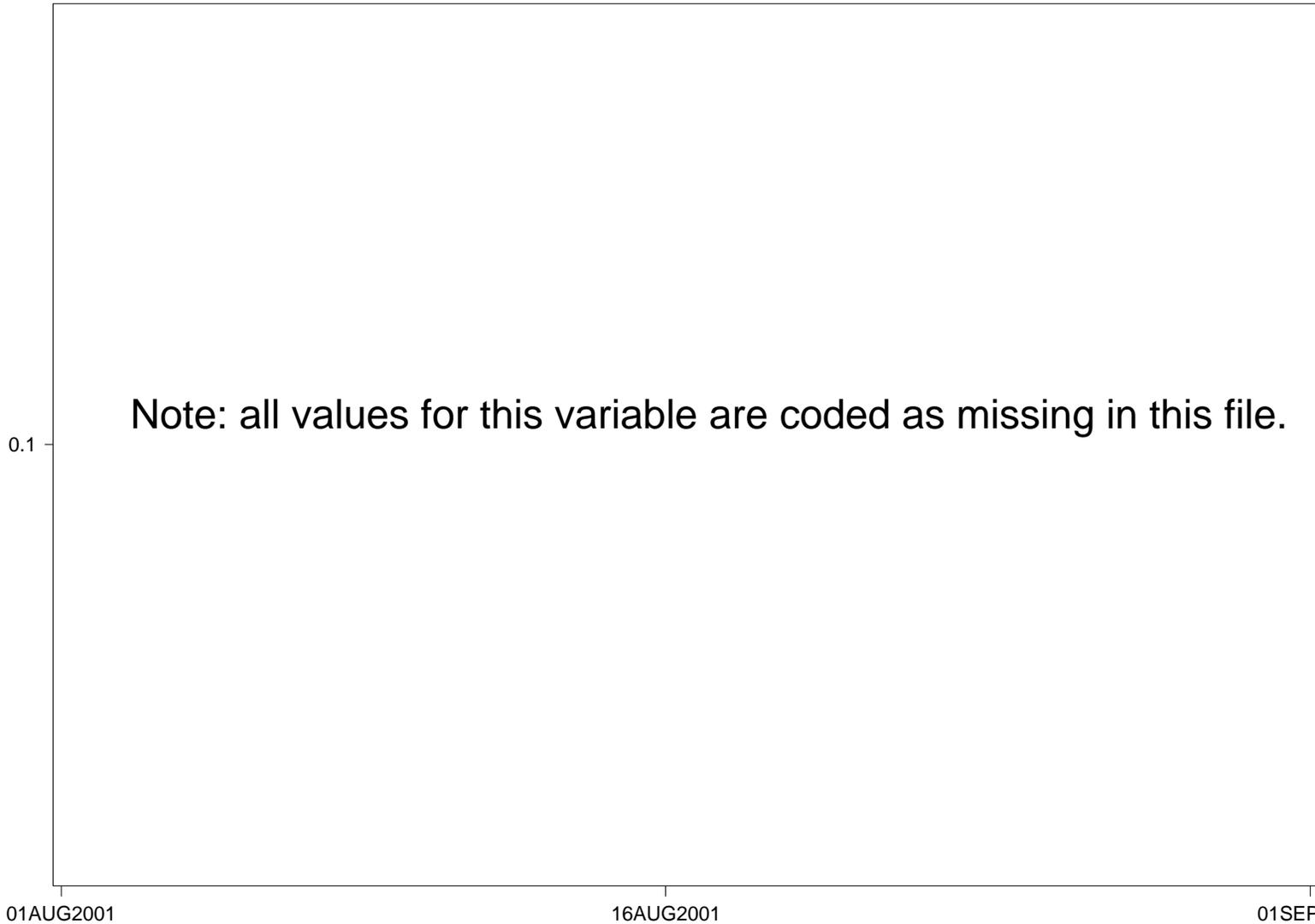
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

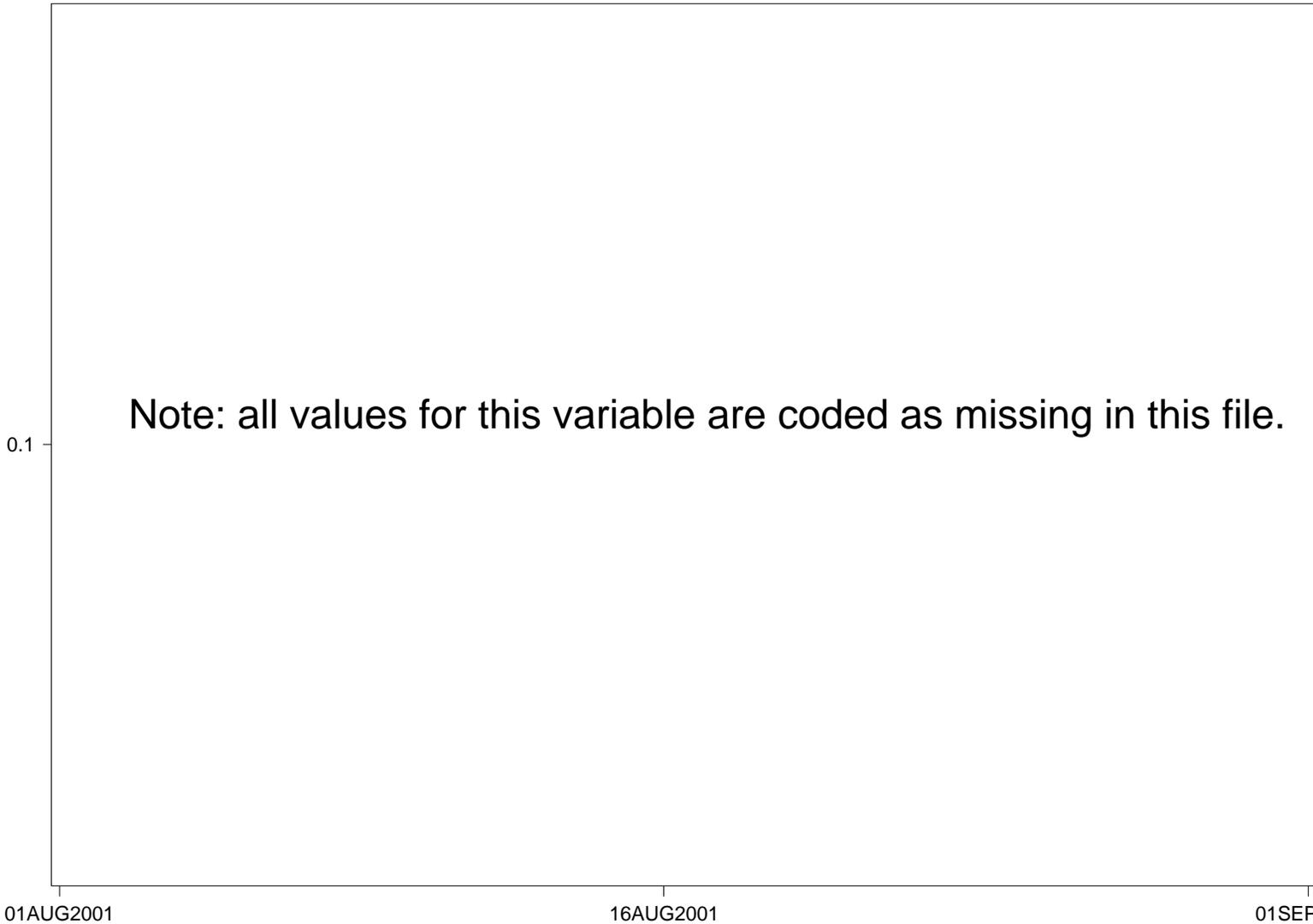
Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

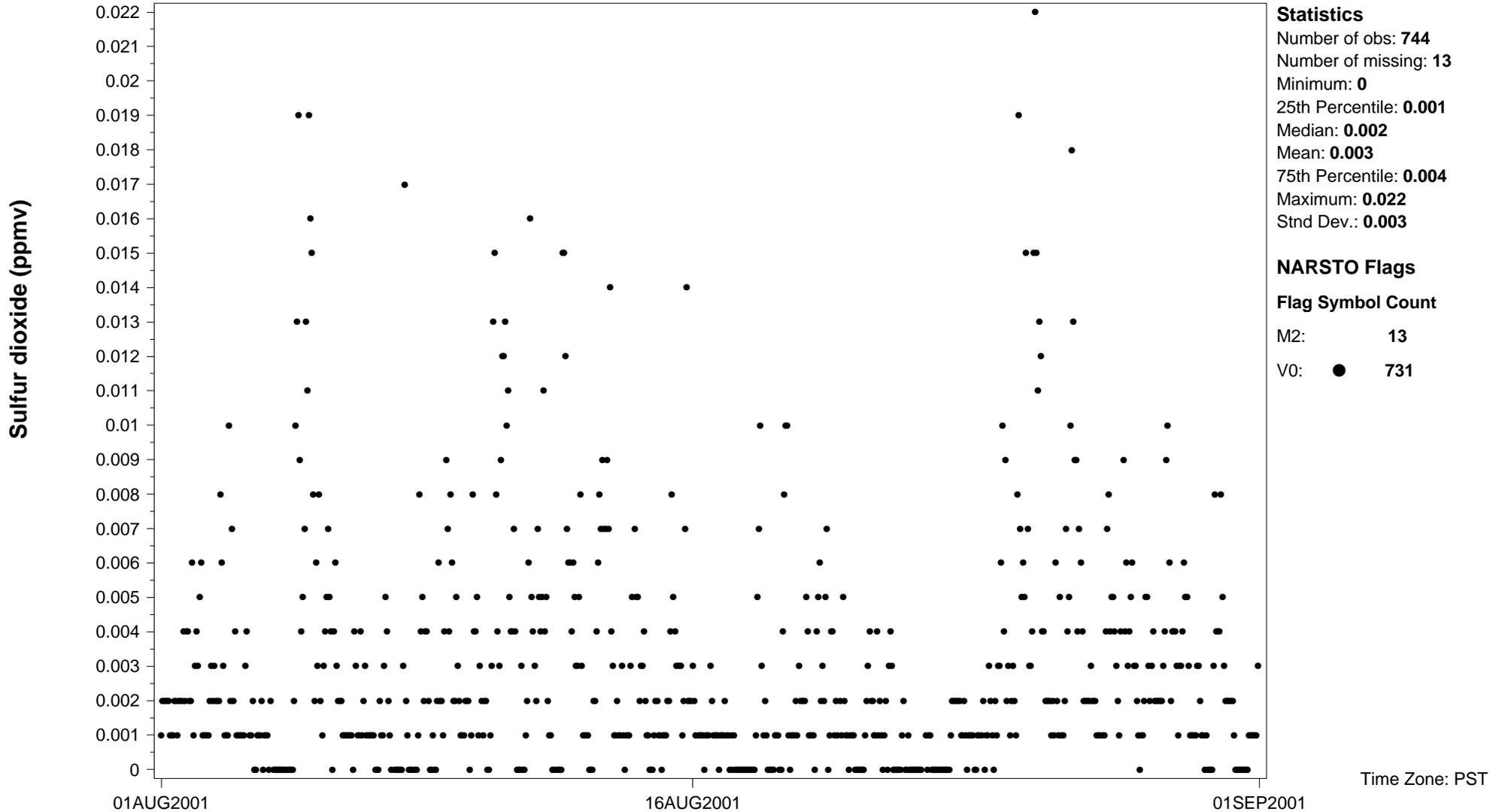
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT024** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



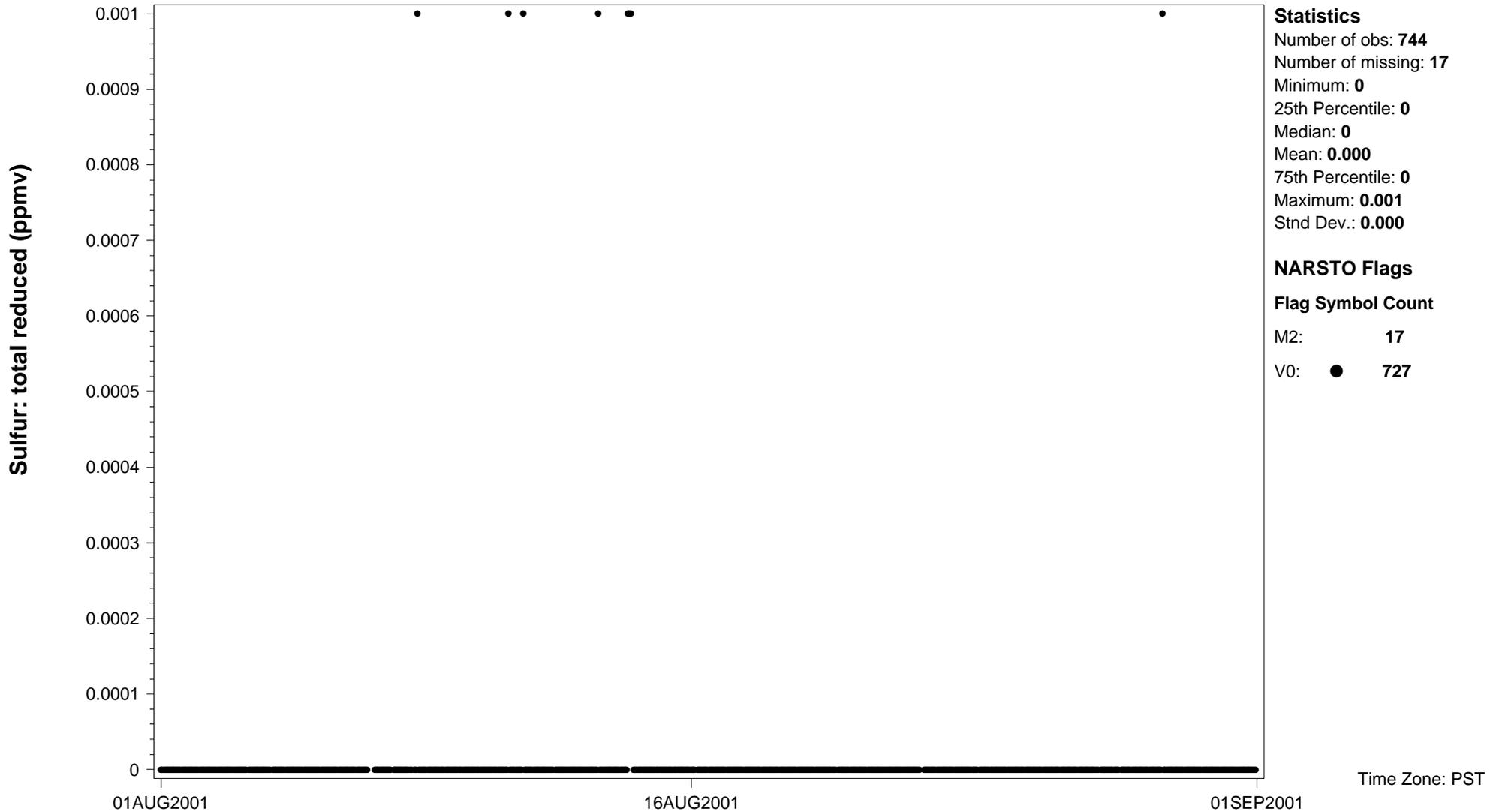
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT024** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



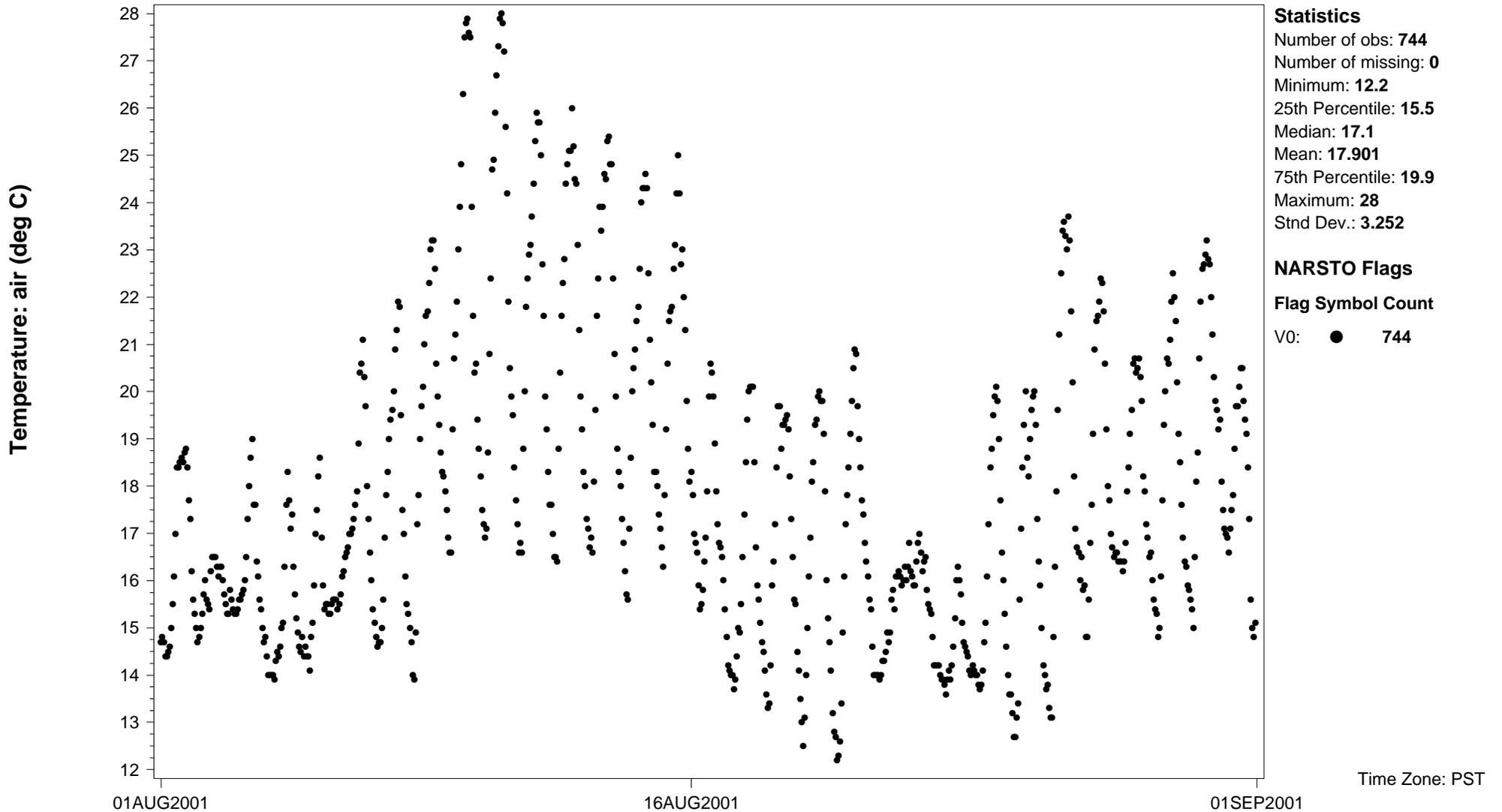
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT024** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



# NAtChem Time Series Plot

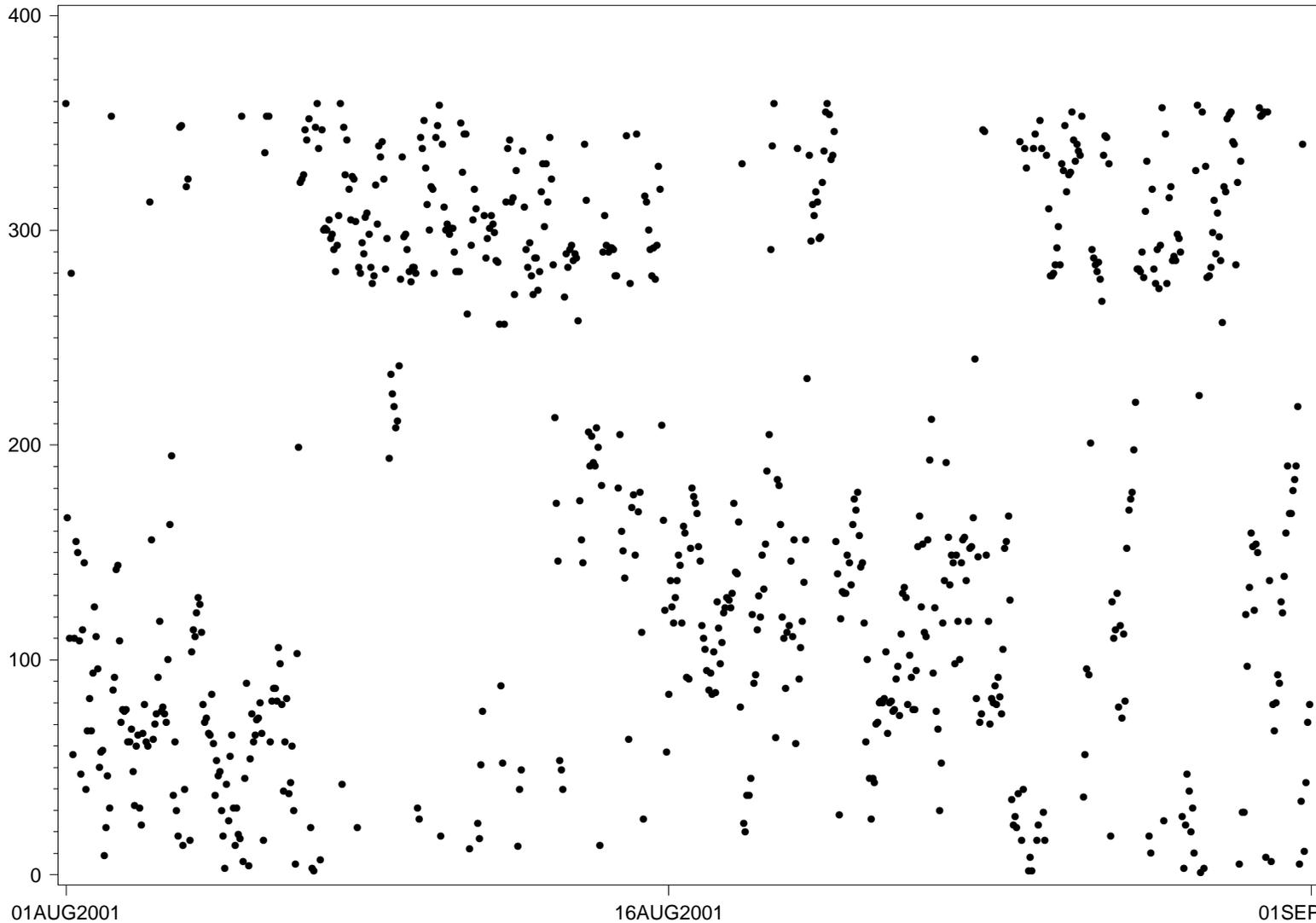
30SEP2004

Site ID: **PC01CABCT024** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Wind direction: horizontal mean scalar (decimal degree)



### Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **79**  
Median: **154.5**  
Mean: **181.316**  
75th Percentile: **295.5**  
Maximum: **359**  
Std Dev.: **114.227**

### NARSTO Flags

Flag Symbol Count  
V0: ● **744**

Time Zone: PST

# NAtChem Time Series Plot

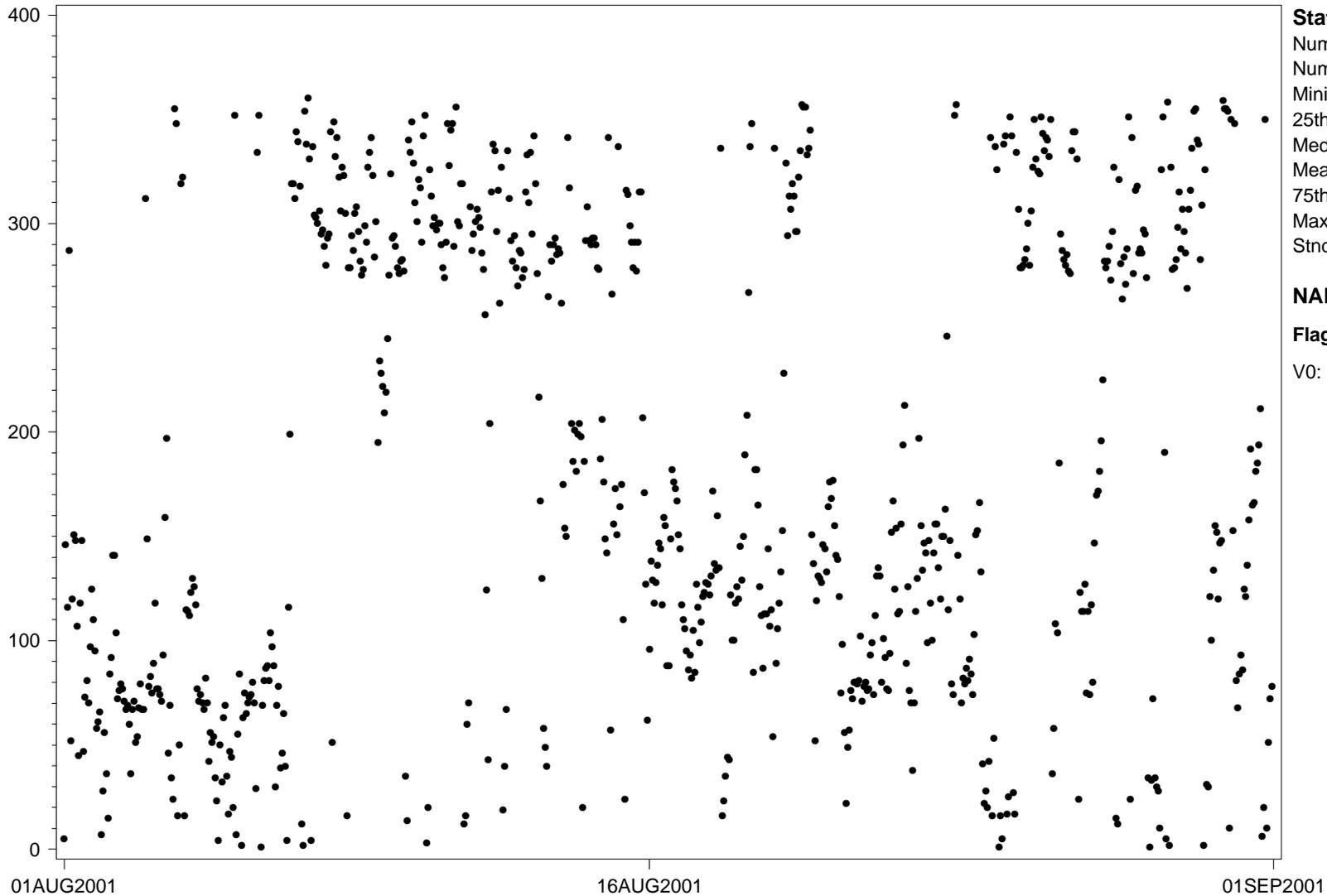
30SEP2004

Site ID: **PC01CABCT024** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

Wind direction: horizontal resultant mean vector (decimal degree)



## Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **1**  
25th Percentile: **80**  
Median: **151**  
Mean: **180.972**  
75th Percentile: **294**  
Maximum: **360**  
Std Dev.: **112.492**

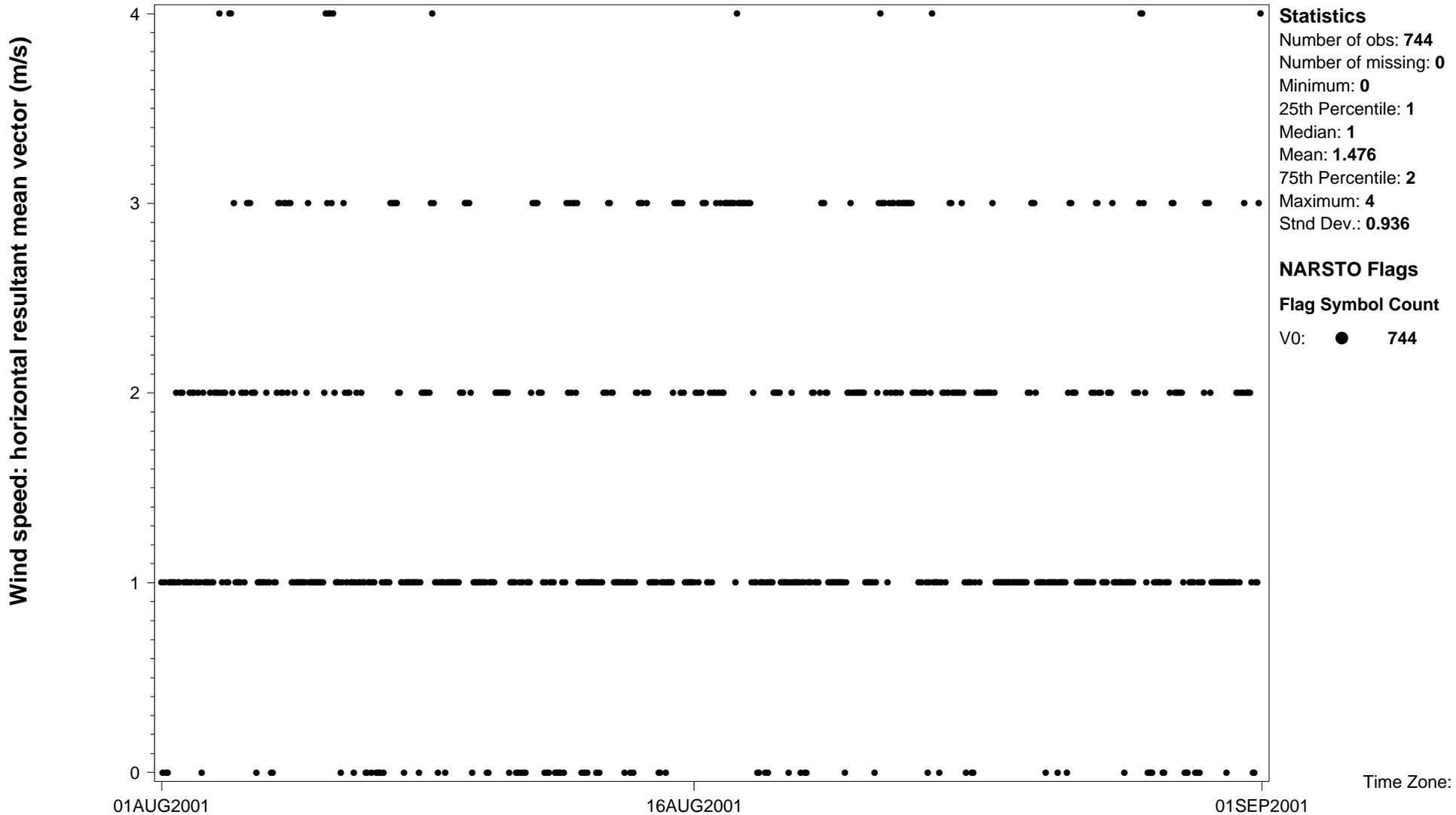
## NARSTO Flags

Flag Symbol Count  
V0: ● **744**

Time Zone: PST

Site ID: **PC01CABCT024** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D



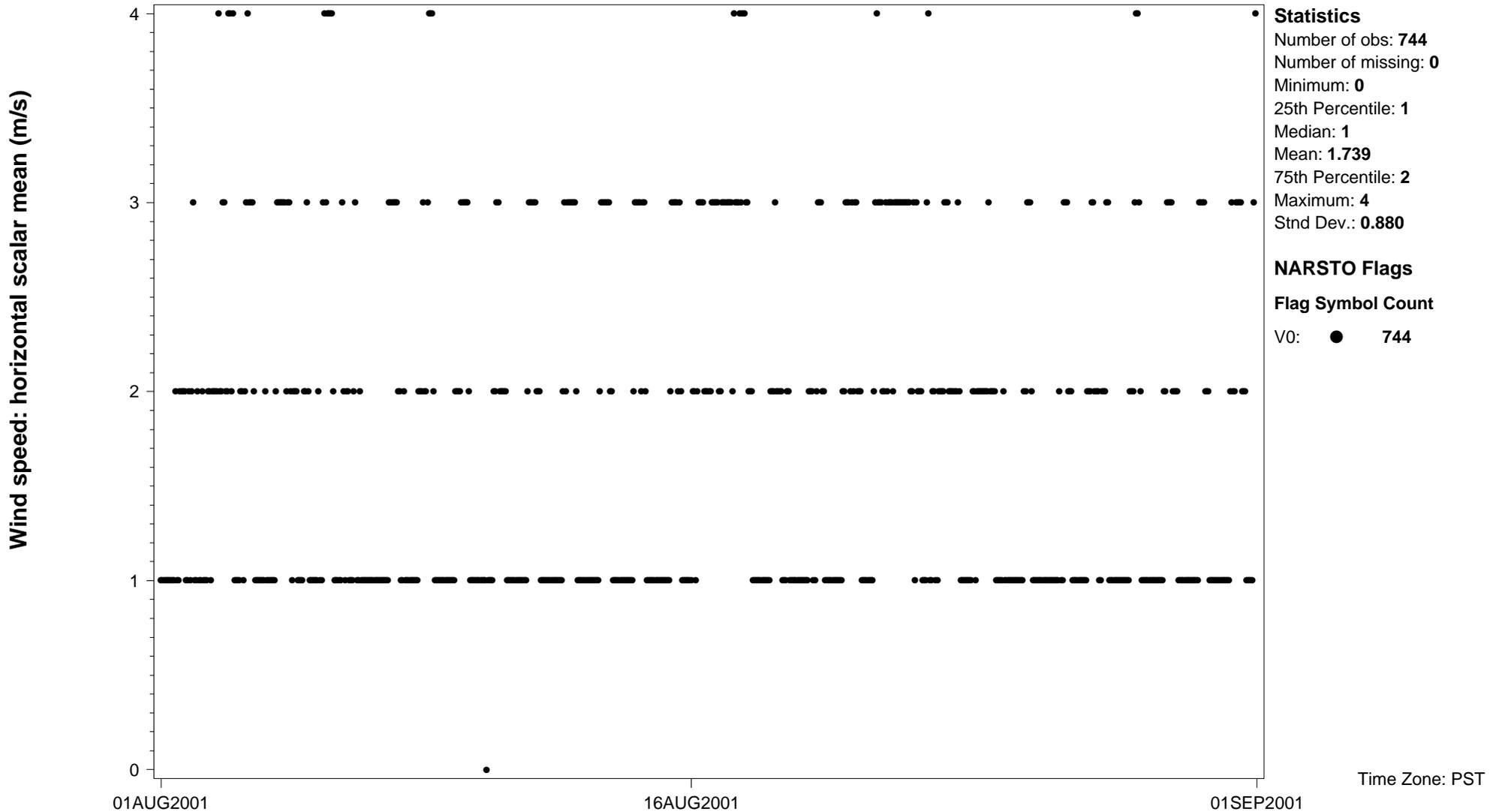
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT024** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **BURNABY NORTH ETON AND MADISON AVENUE - BURNABY (SO2& TRS Only), British Columbia** Latitude: **49.2875 deg.** Longitude: **-123.0083333 deg.** Start D

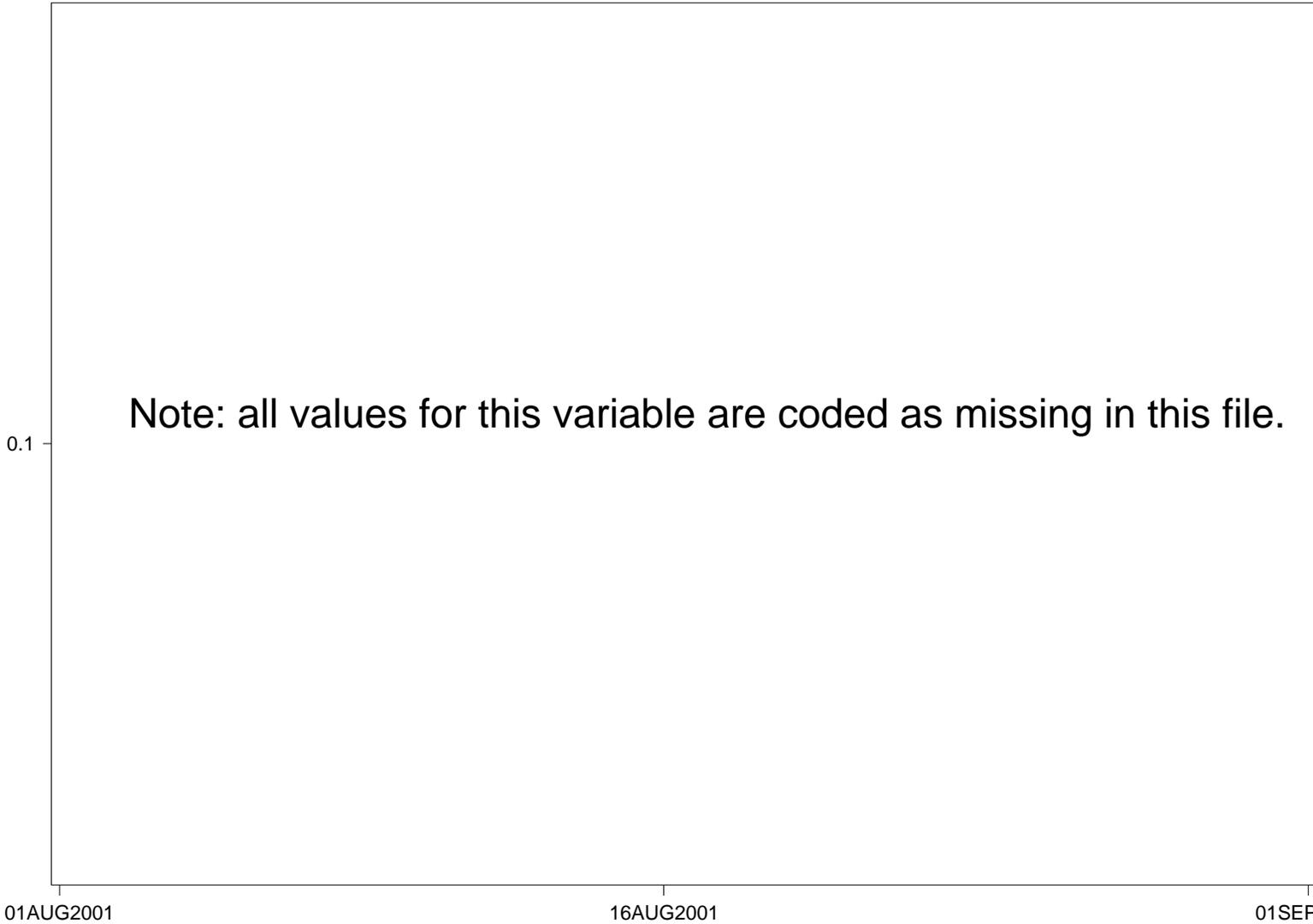


Site ID: **PC01CABCT025** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Carbon monoxide (ppmv)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

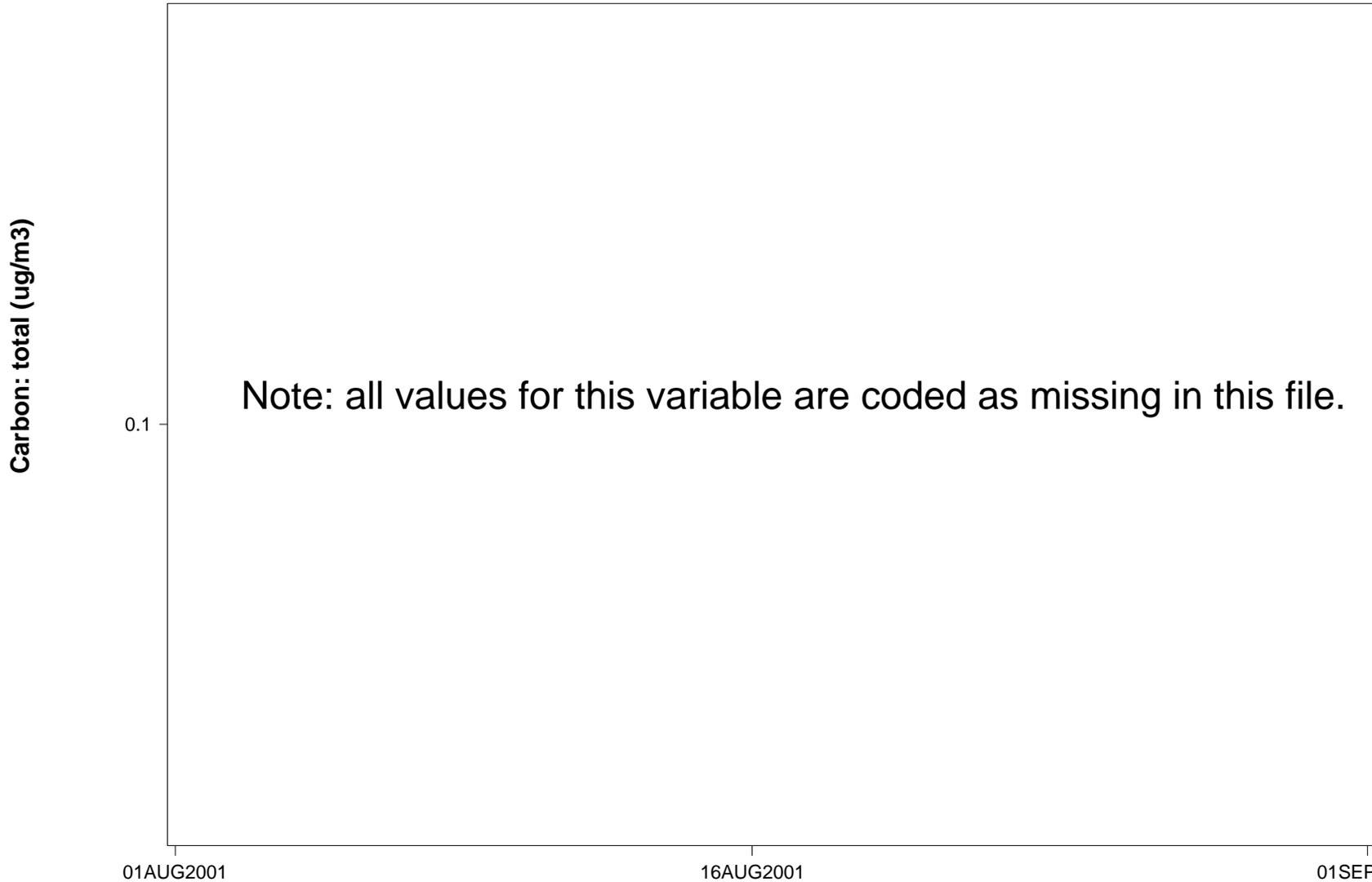
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

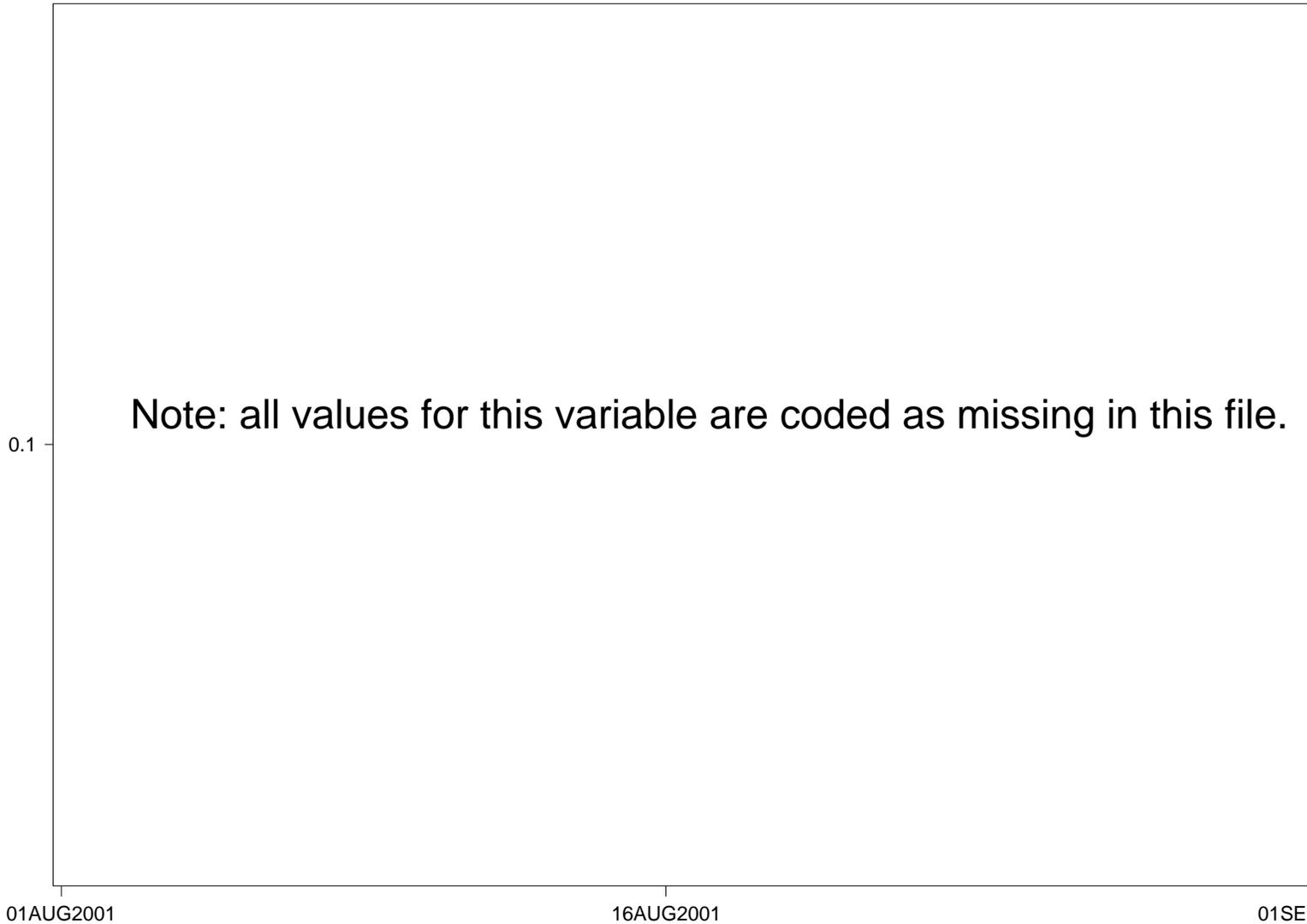
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

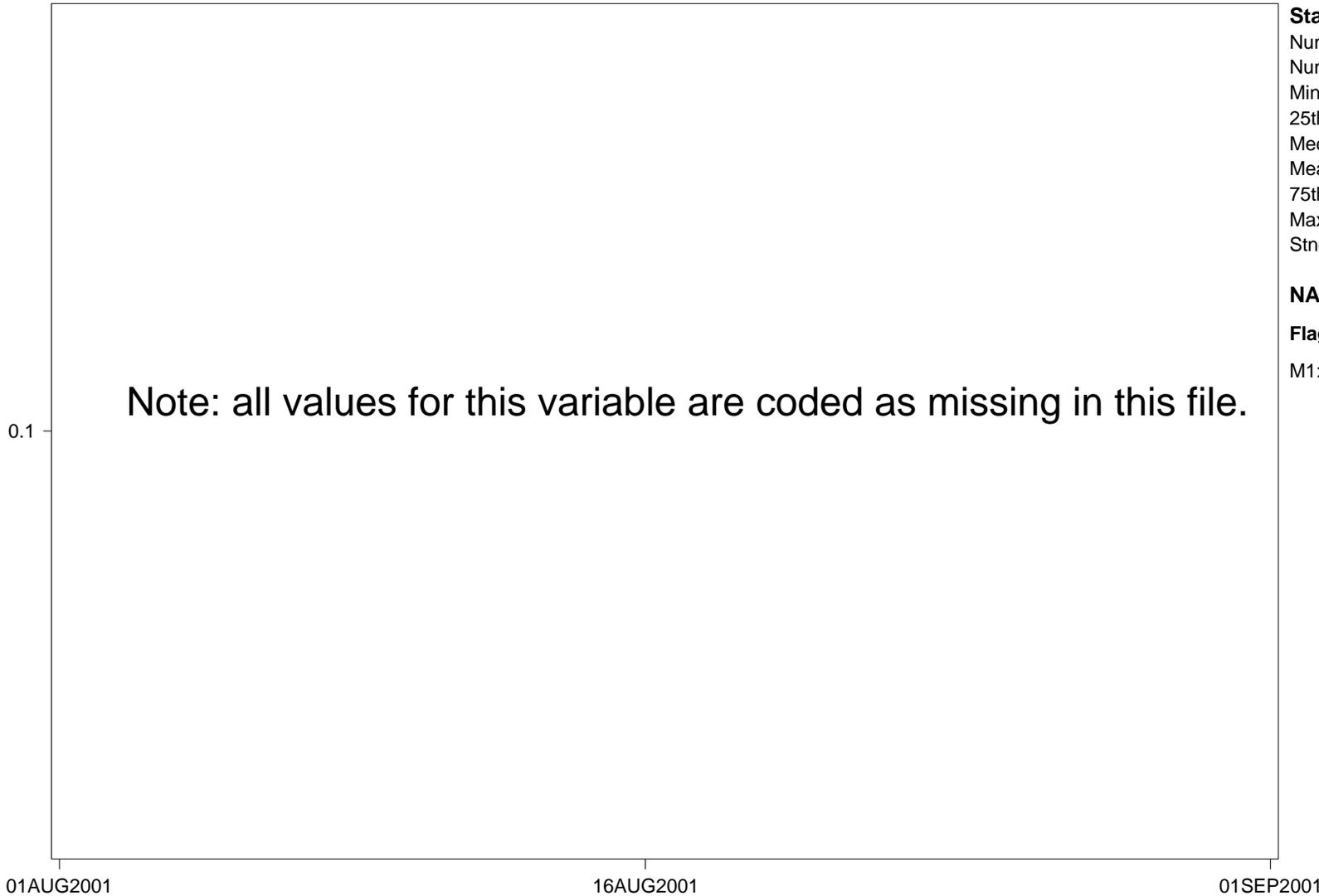
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

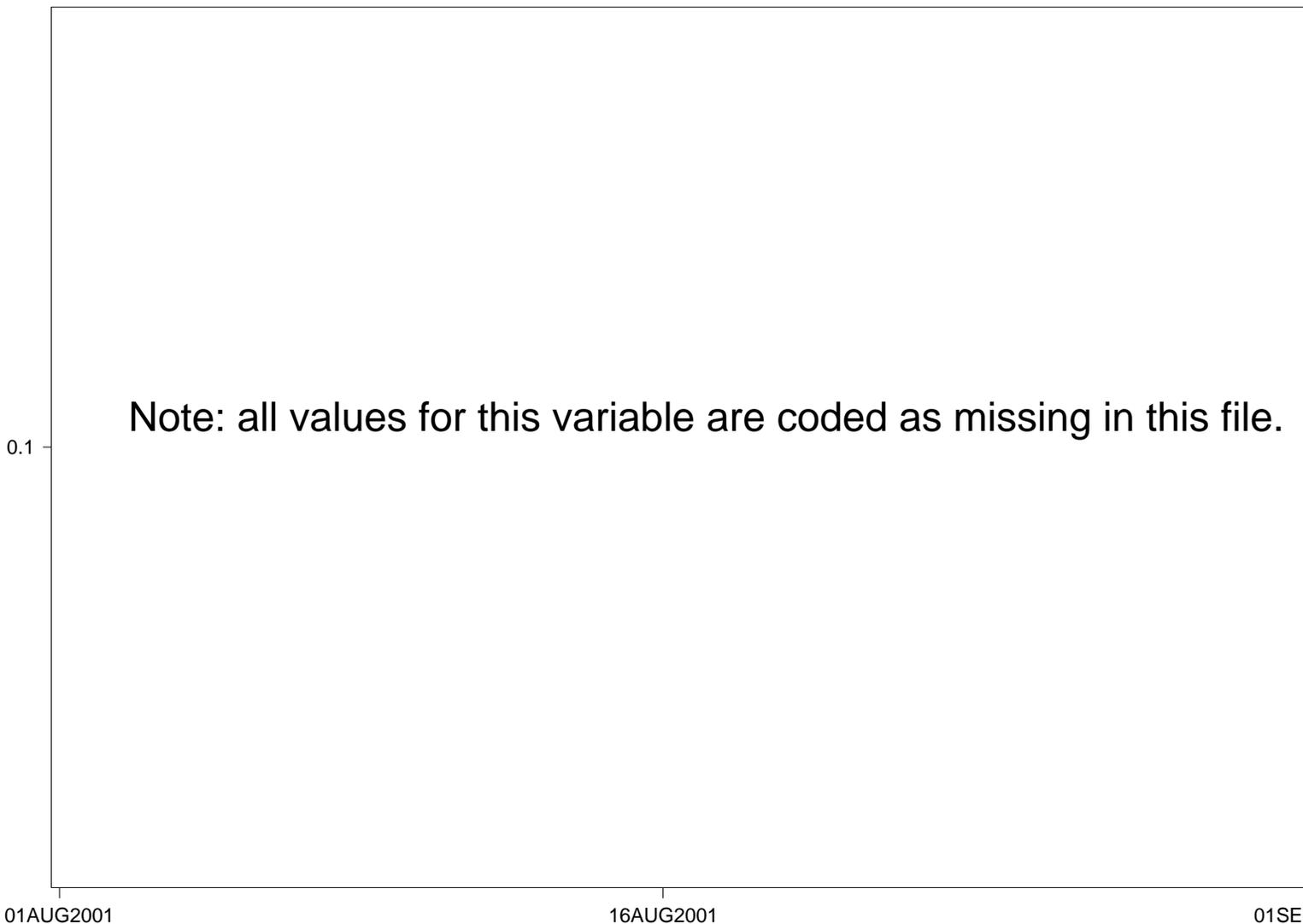
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

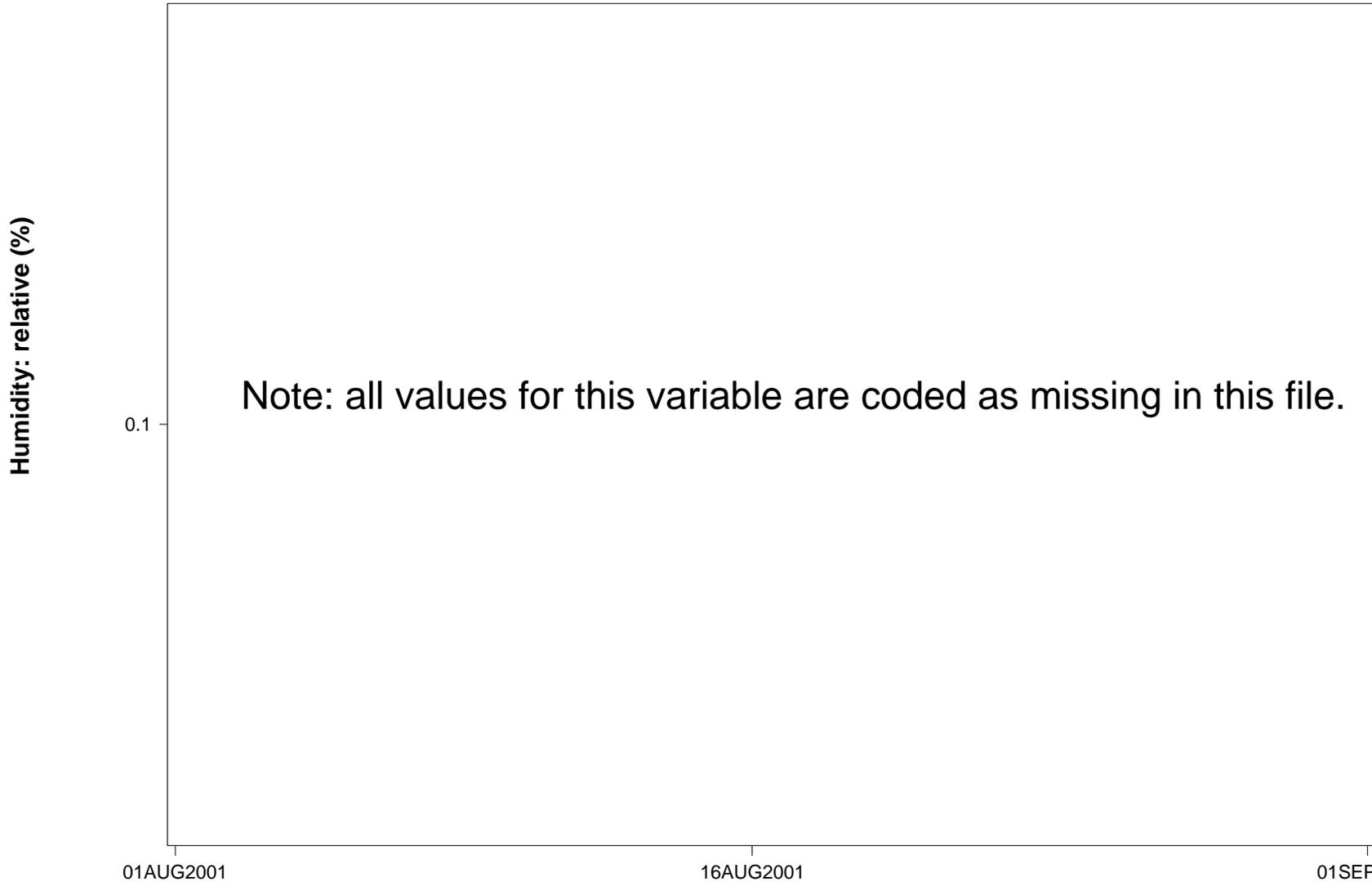
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

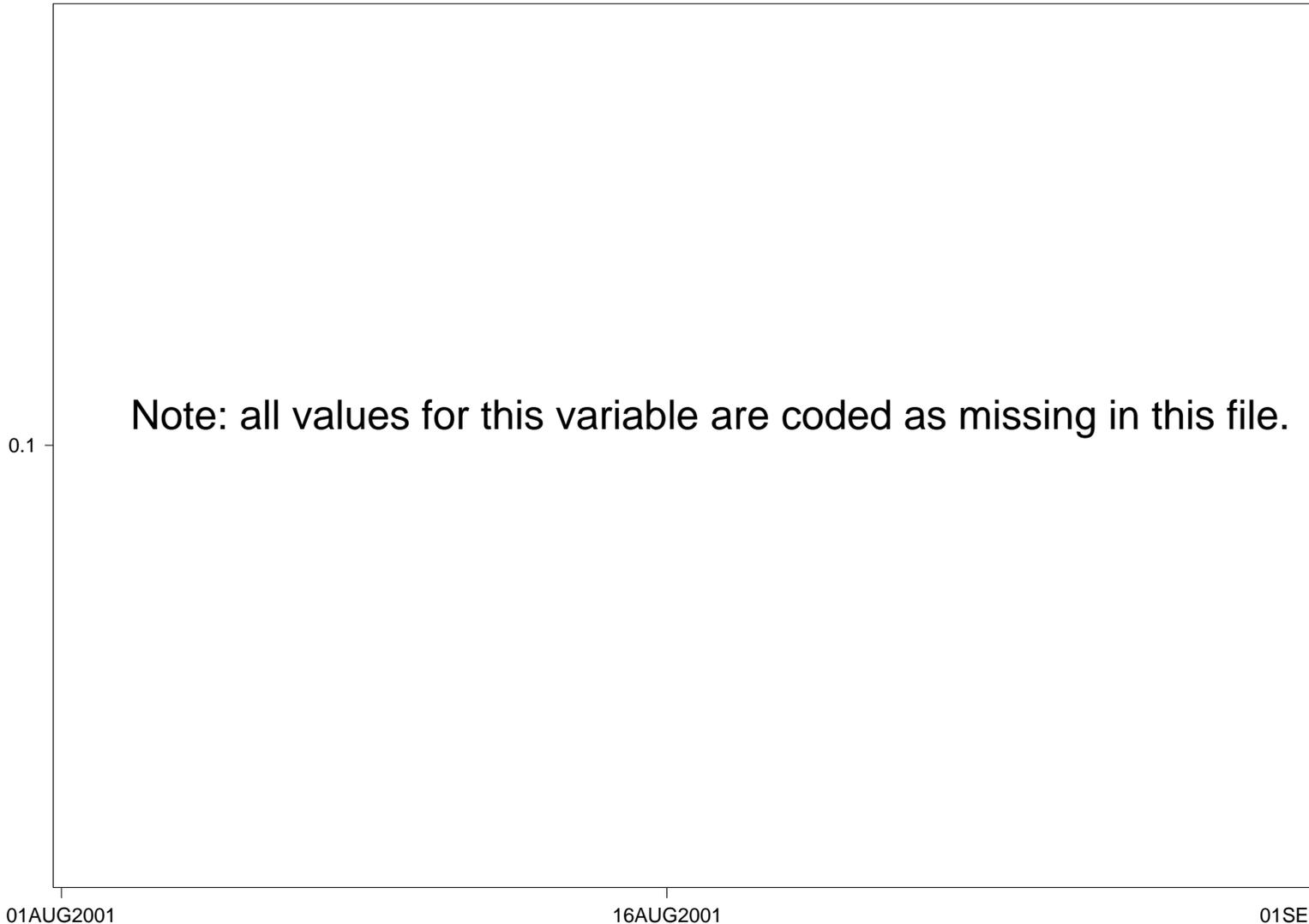
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

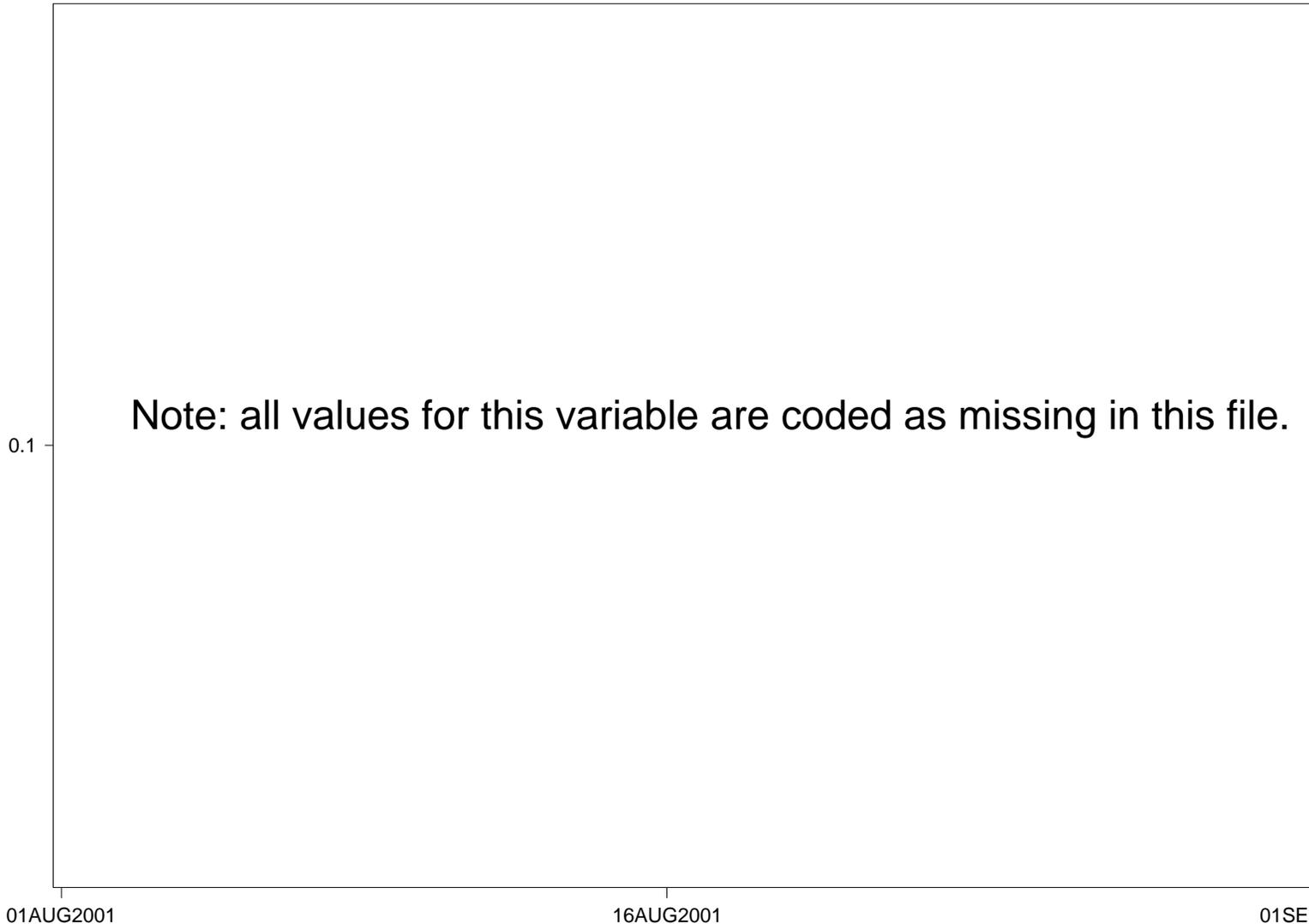
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

NOx (nitric oxide + nitrogen dioxide) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

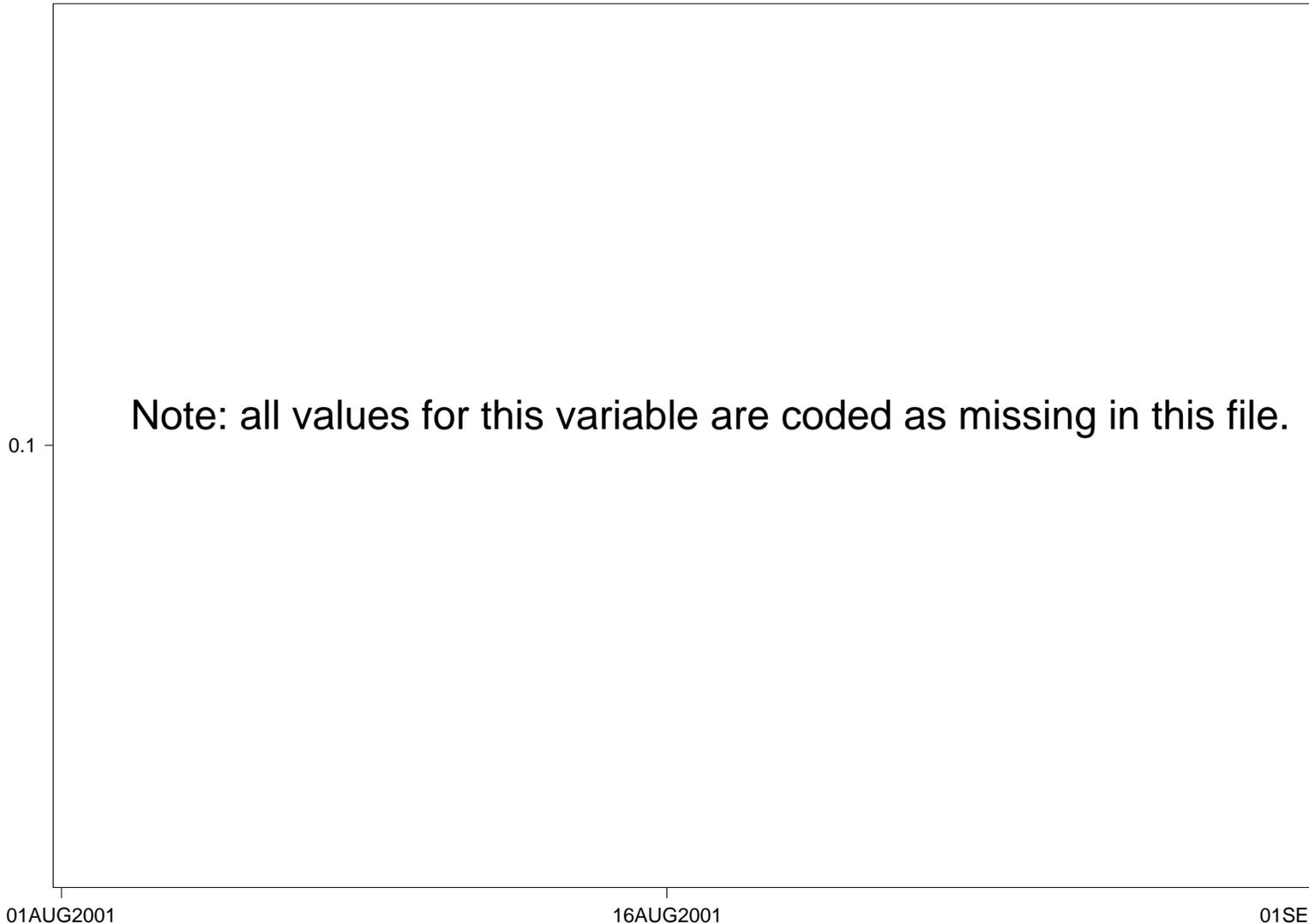
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Nitrogen oxide (NO) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

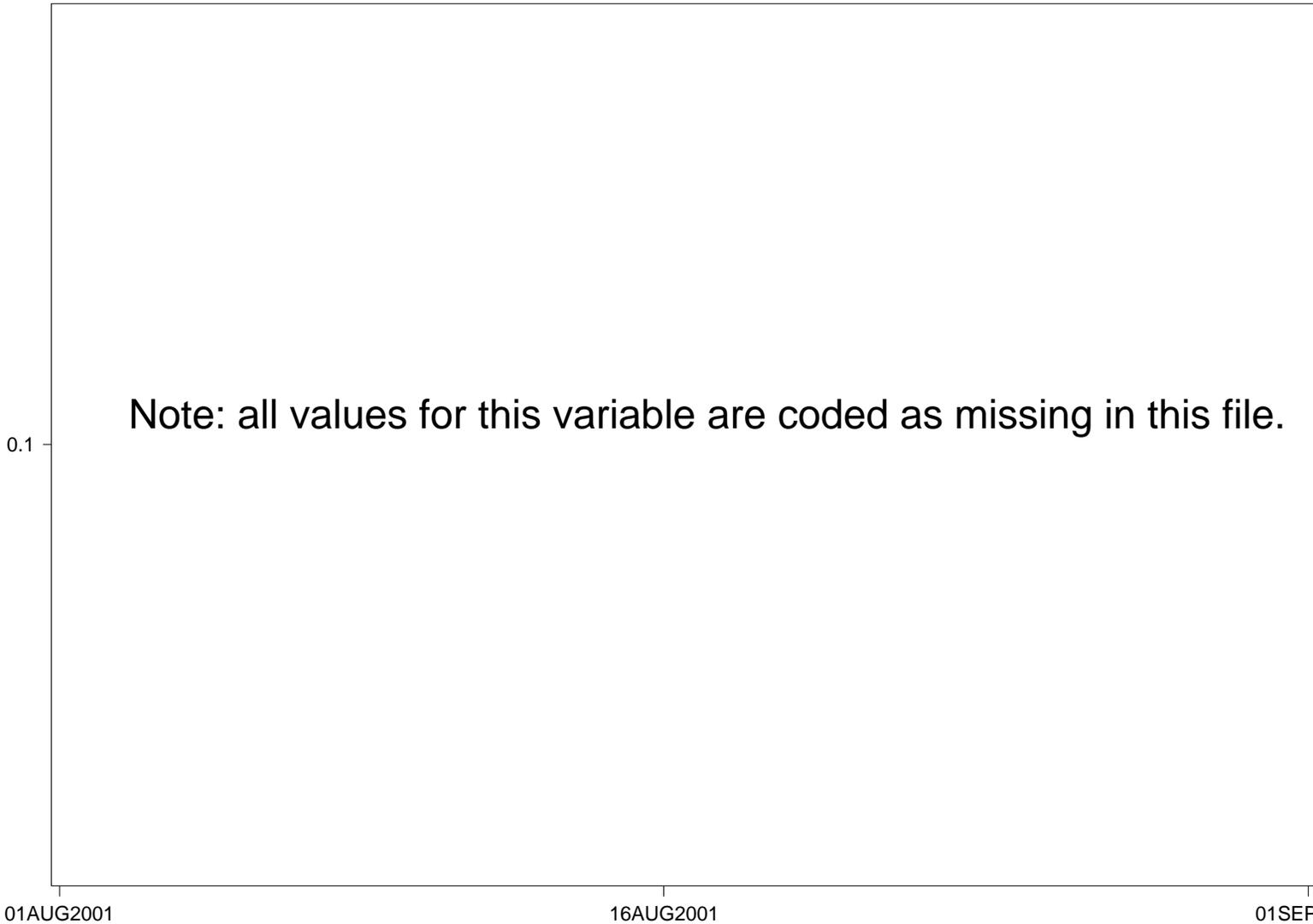
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Nitrogen oxide (NO2) (ppmv)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

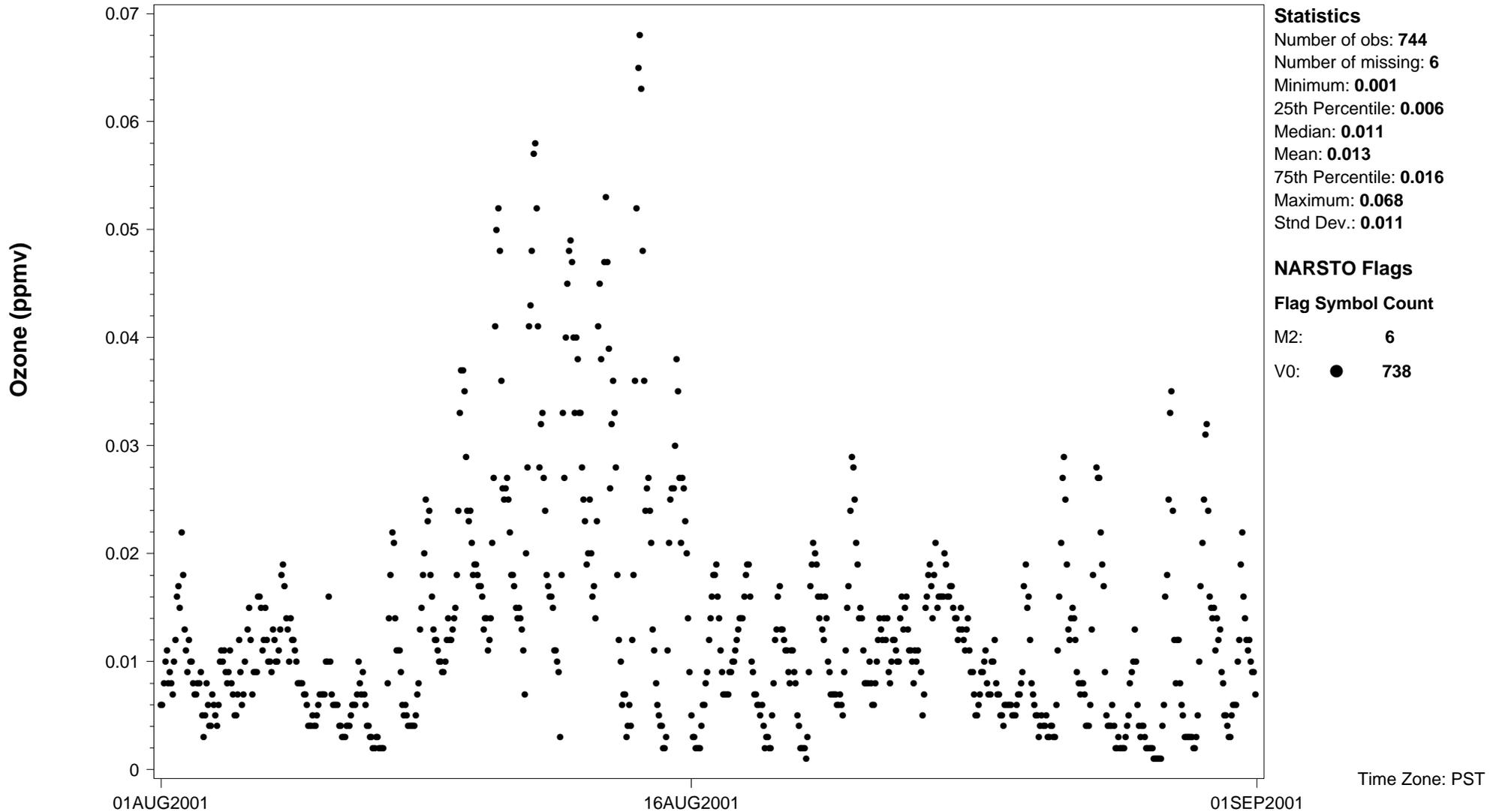
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT025** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

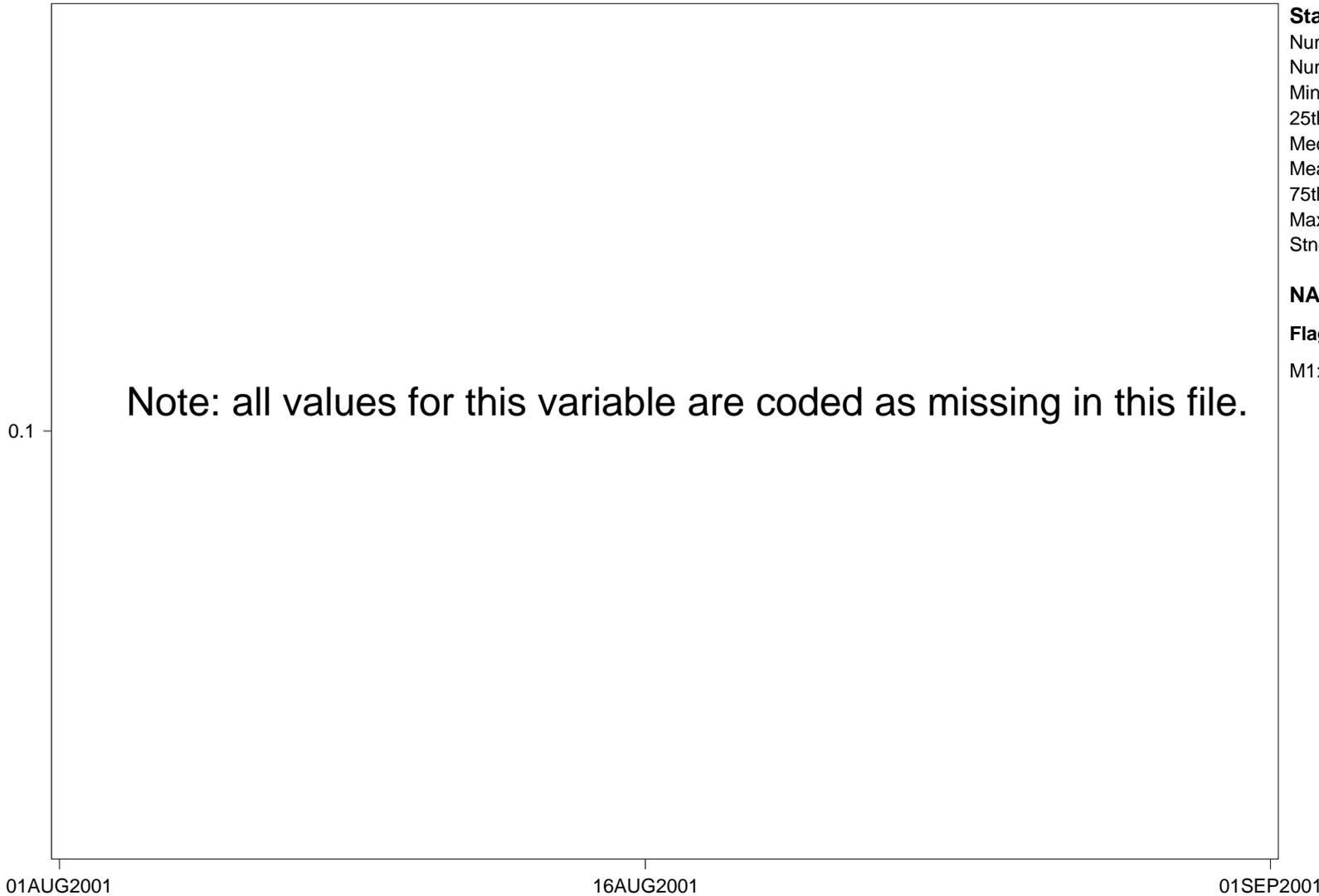


Site ID: **PC01CABCT025** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

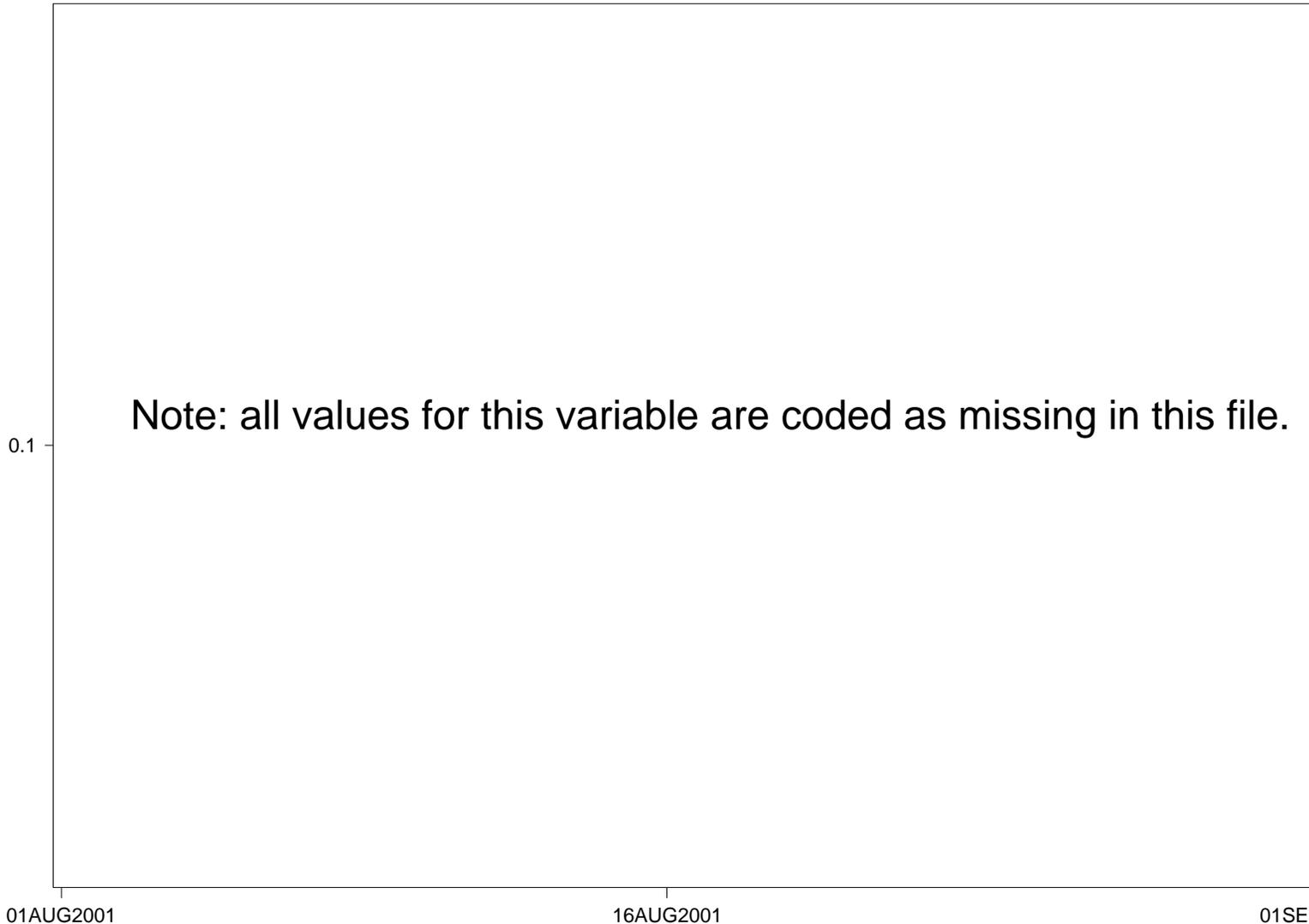
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

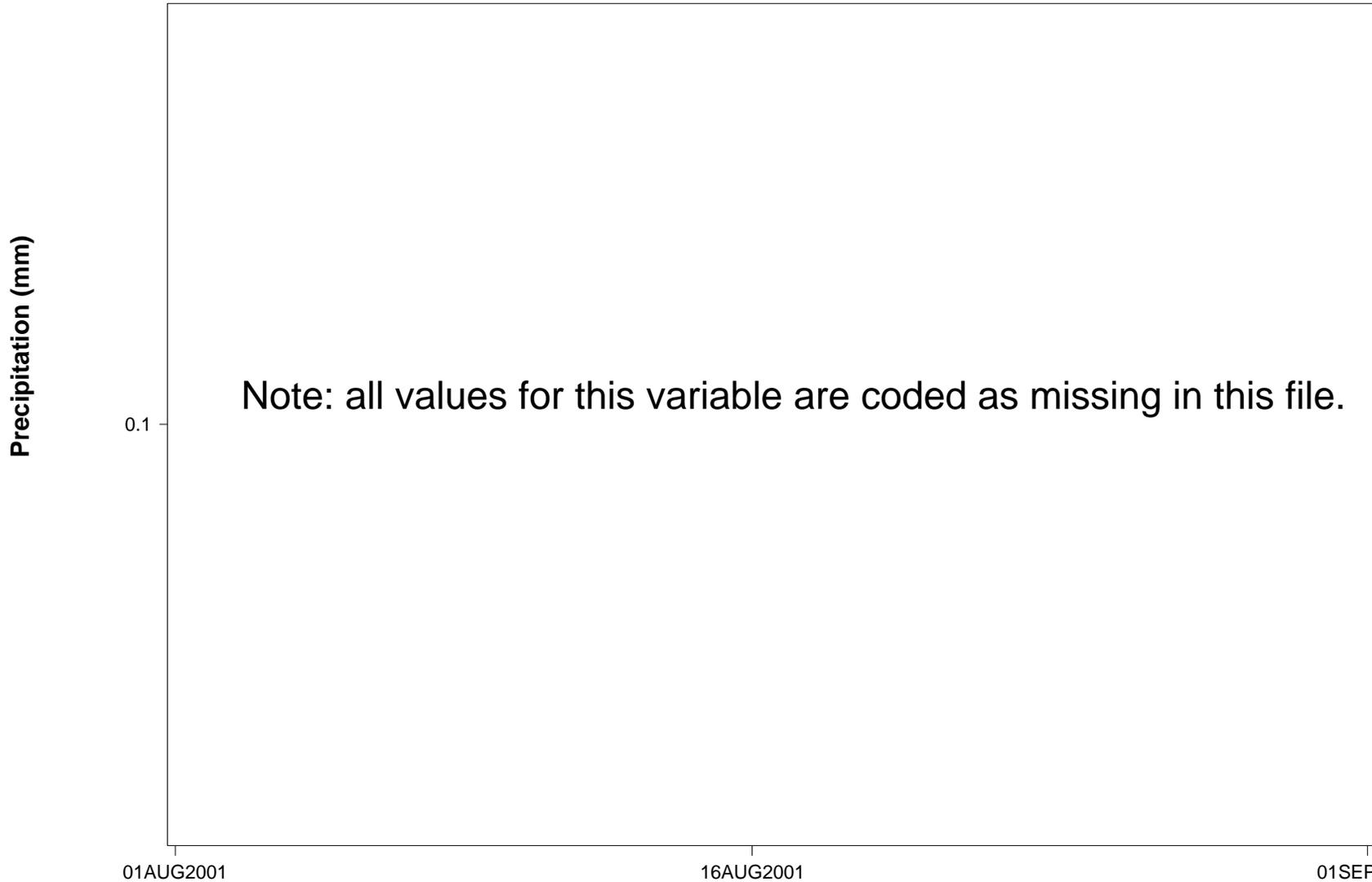
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

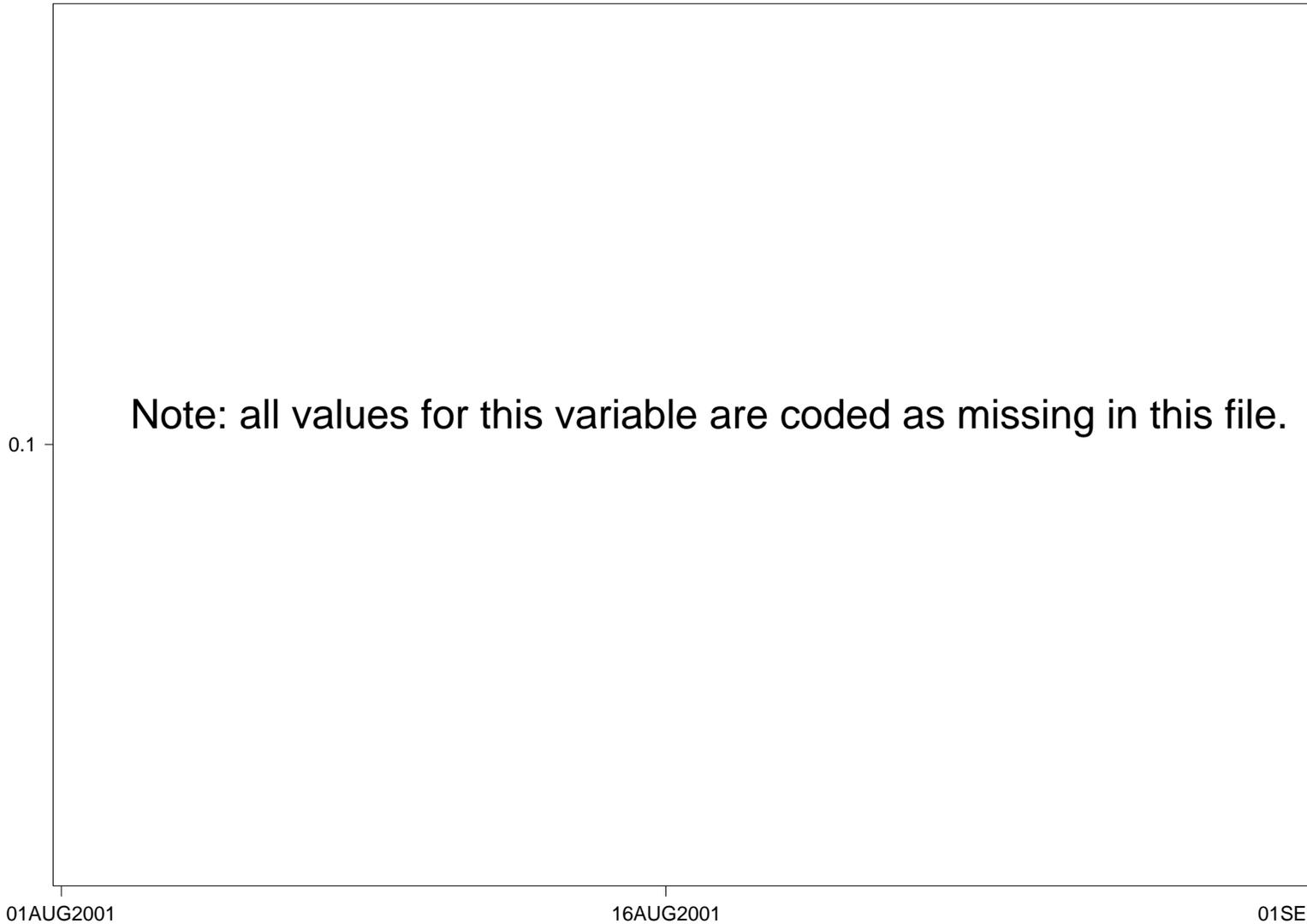
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

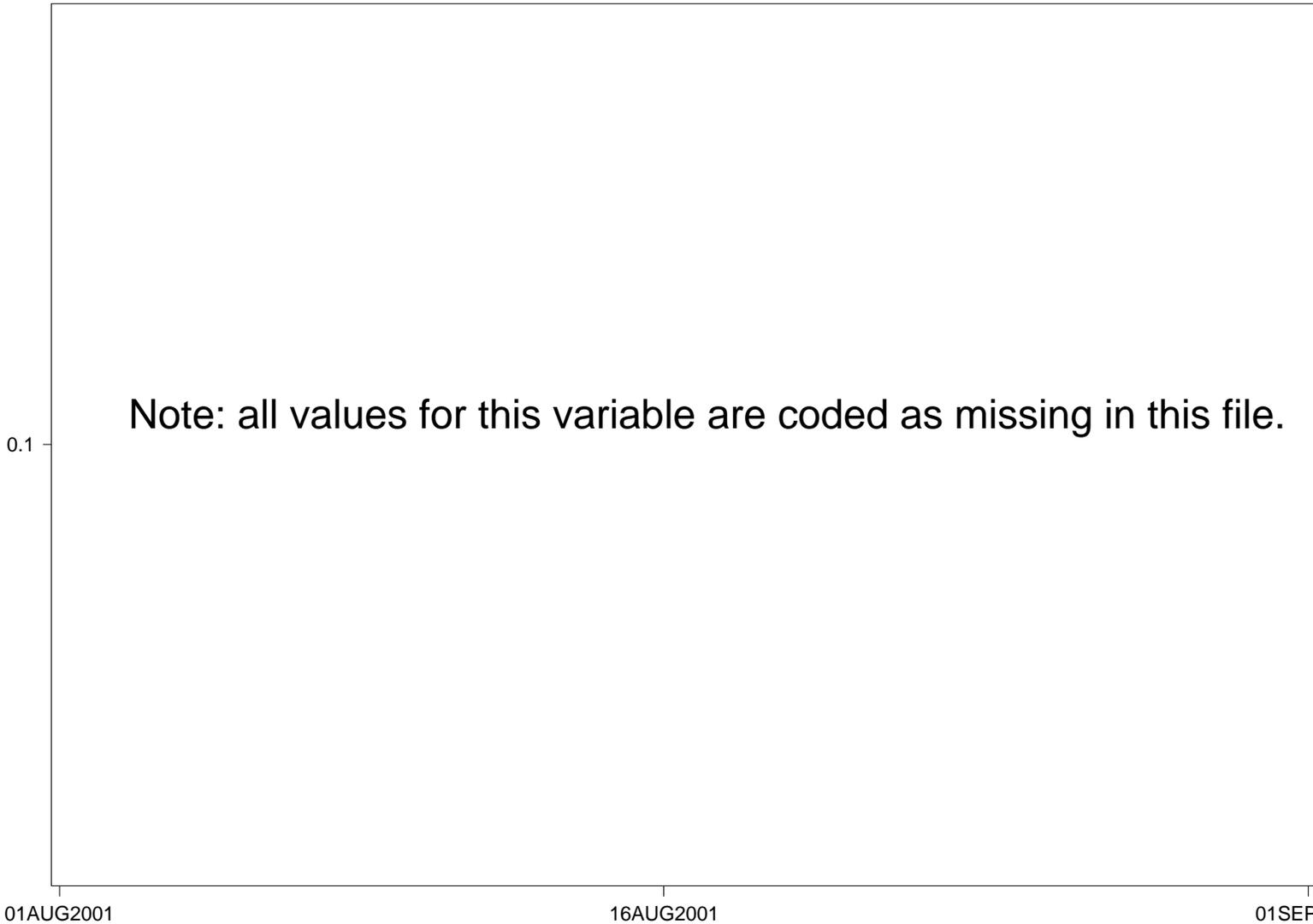
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Radiation: ultraviolet downwelling (W/m2)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

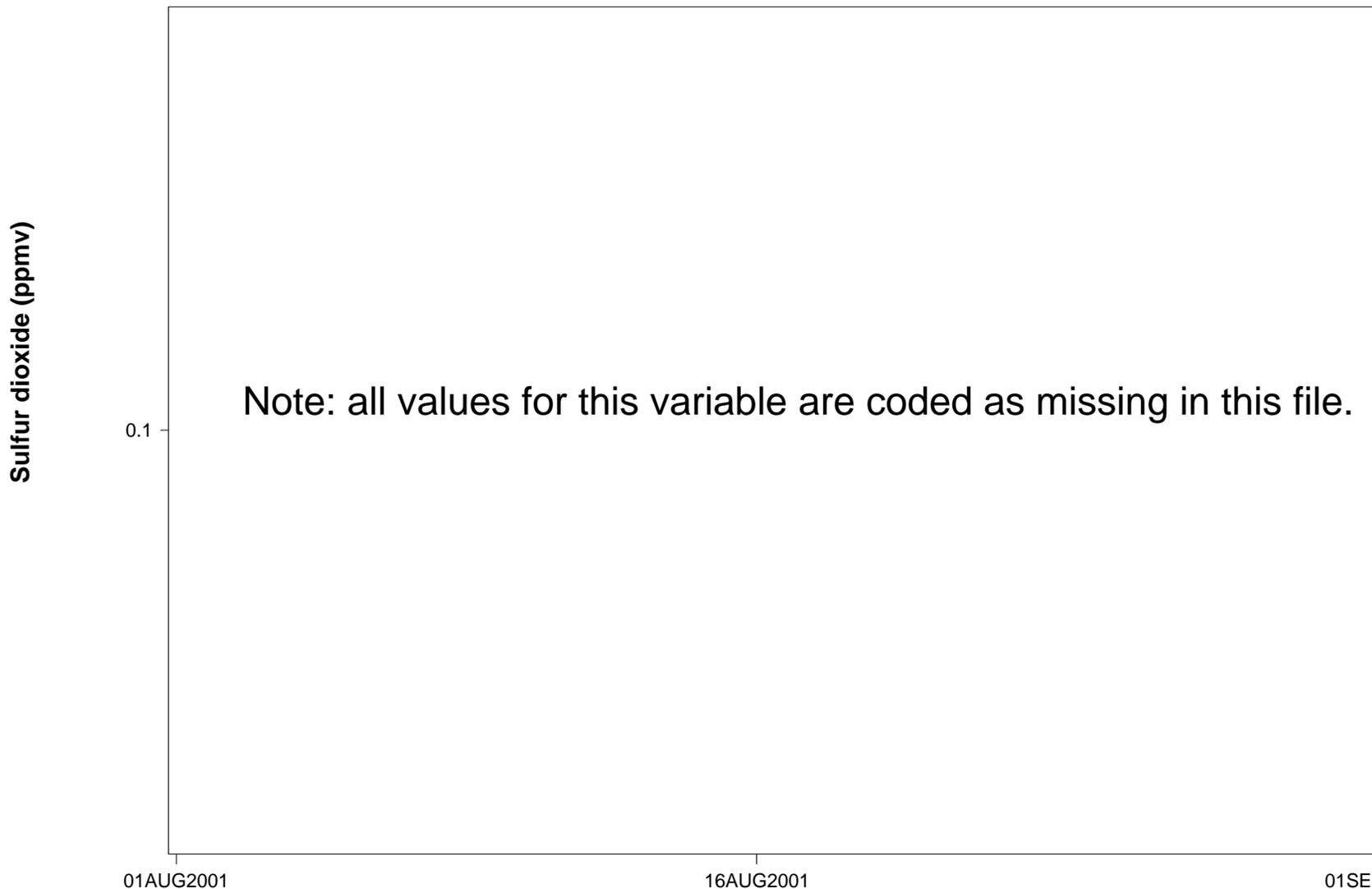
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

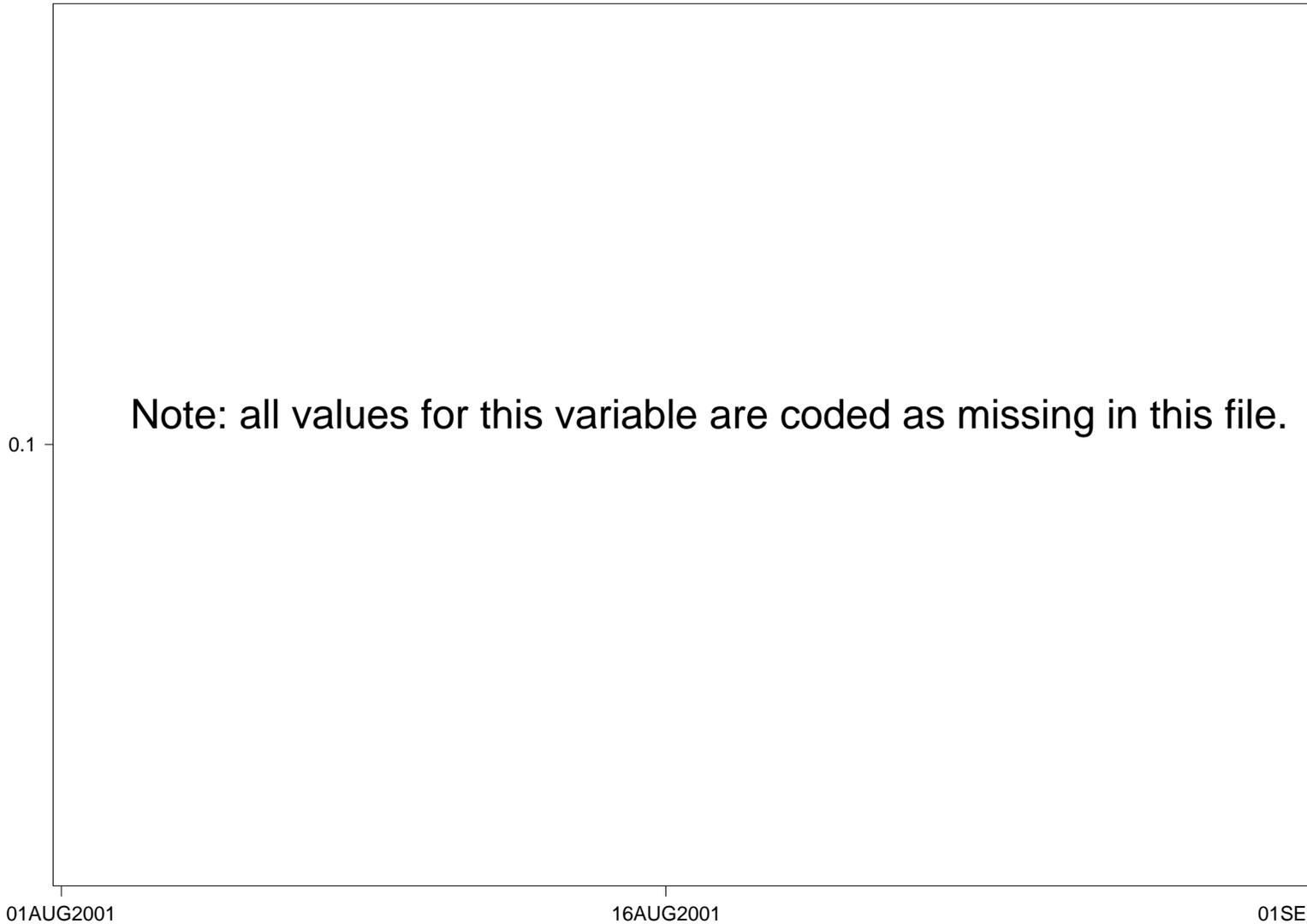
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

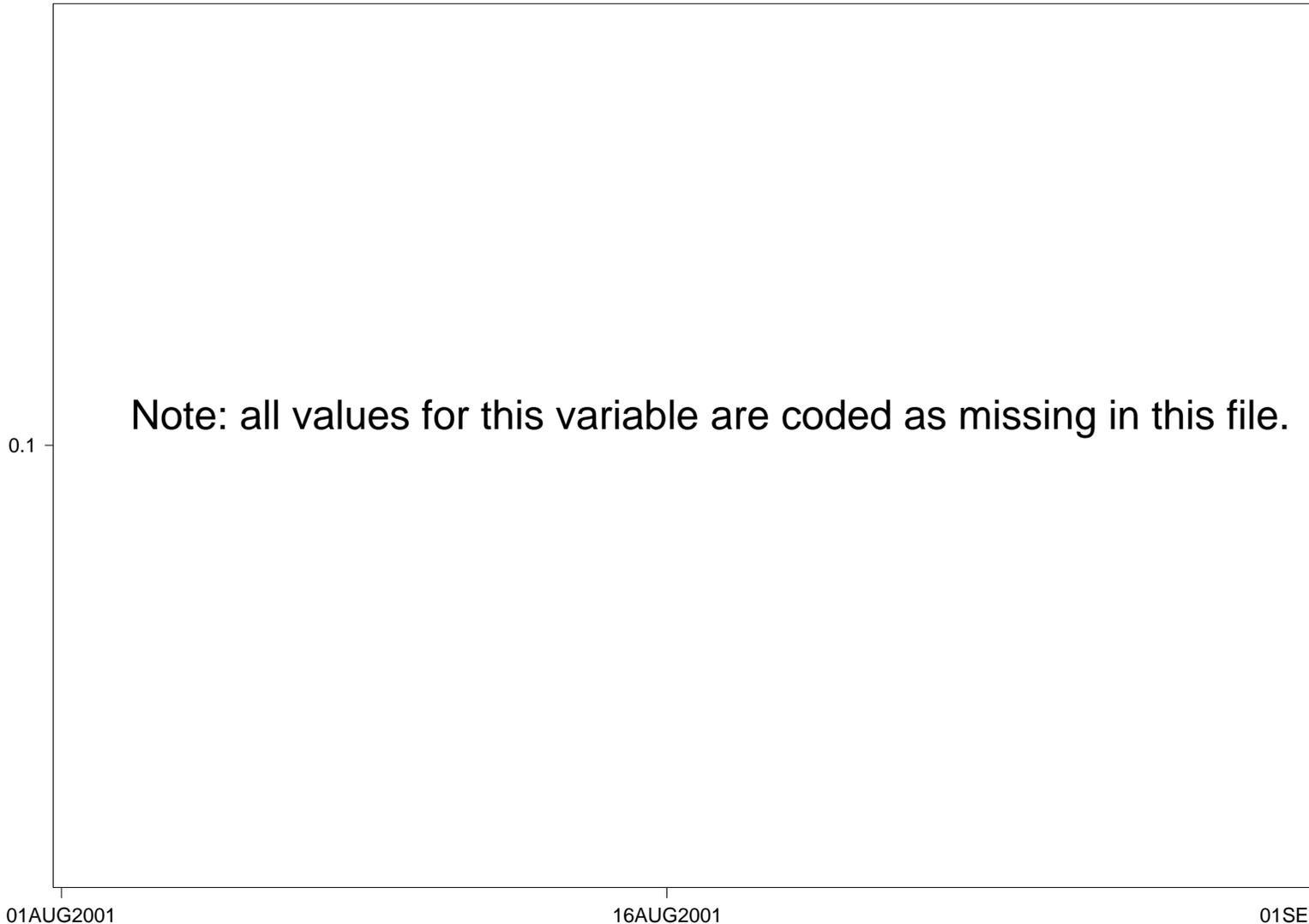
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Temperature: air (deg C)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

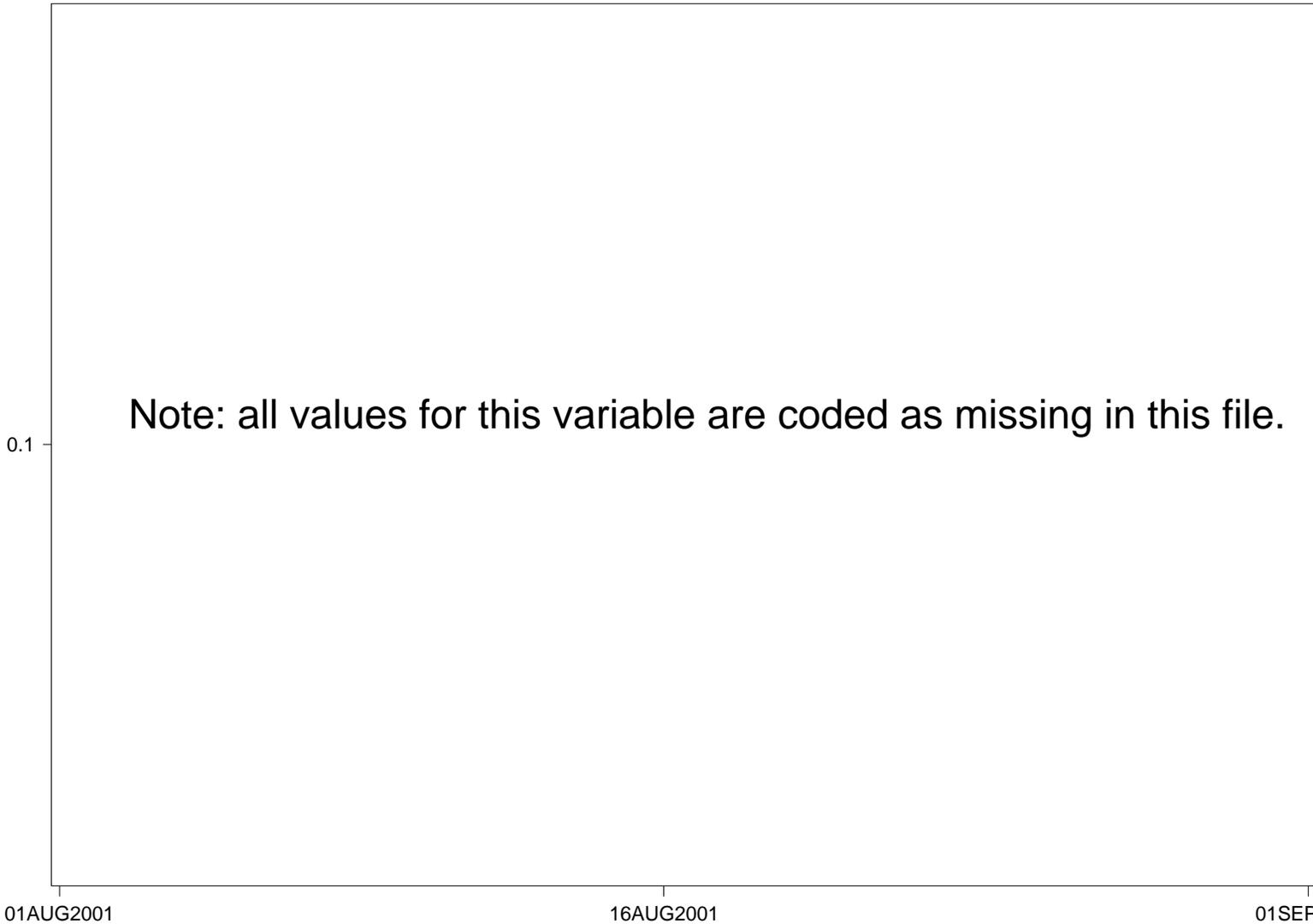
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

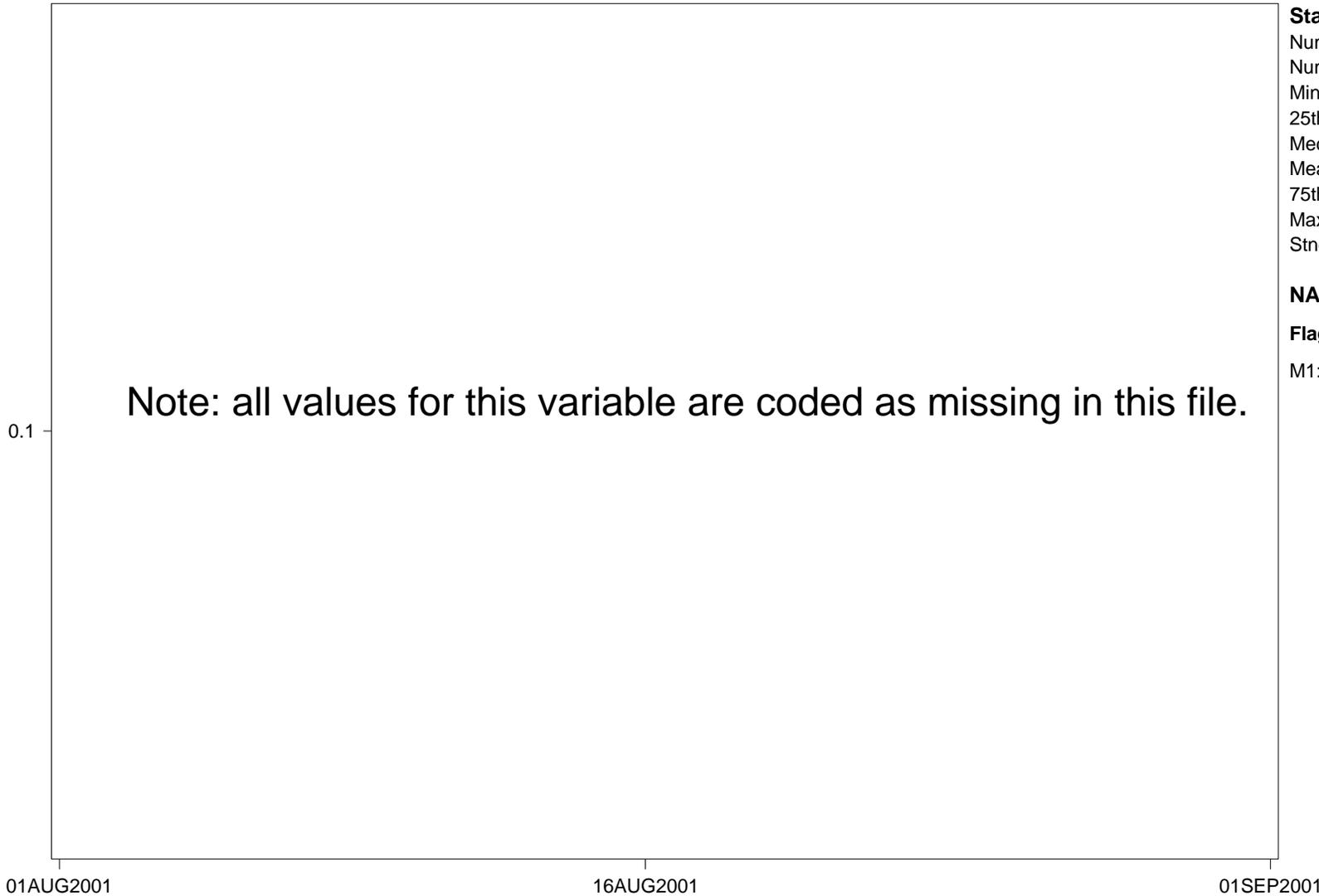
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

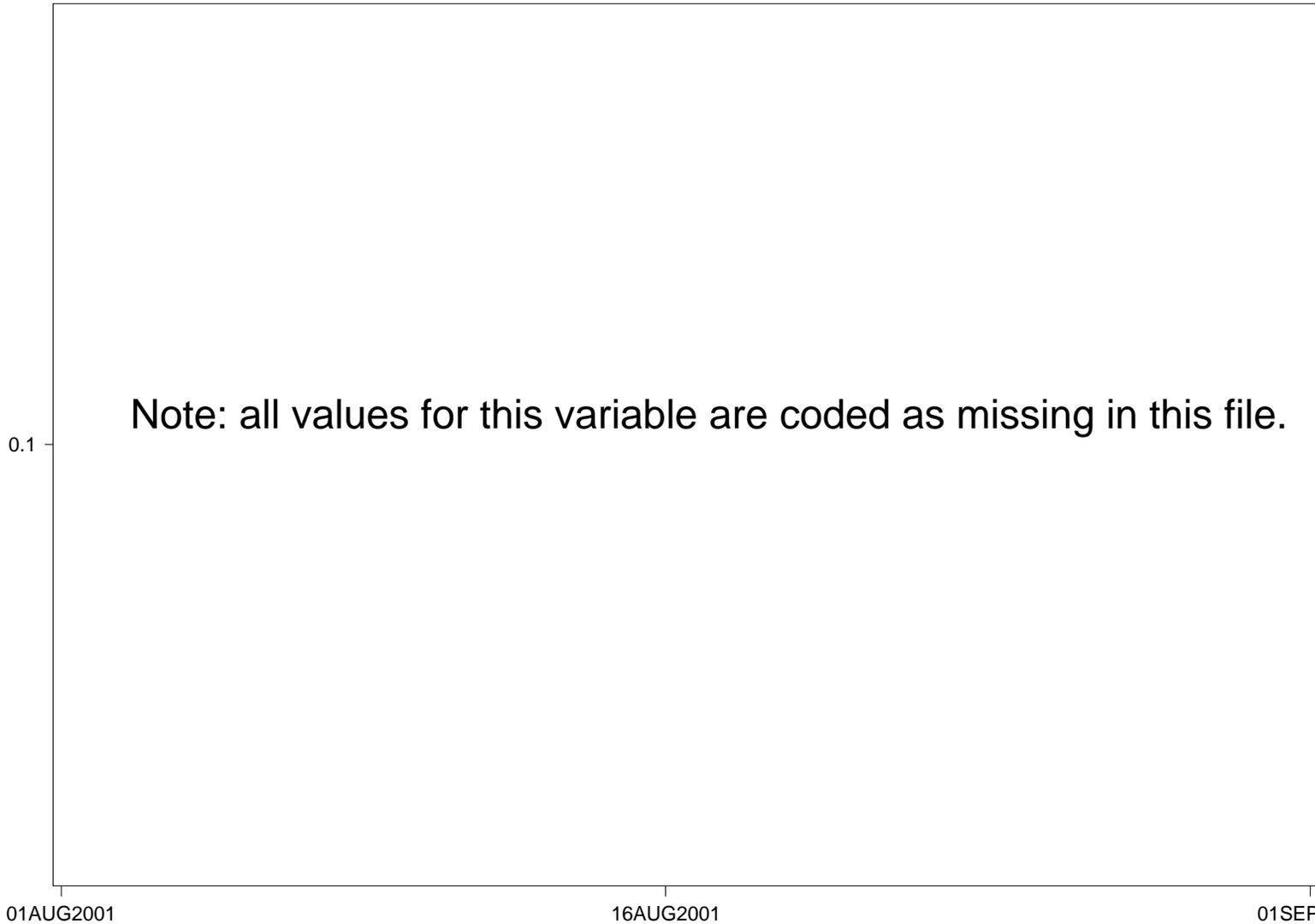
Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Wind speed: horizontal resultant mean vector (m/s)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

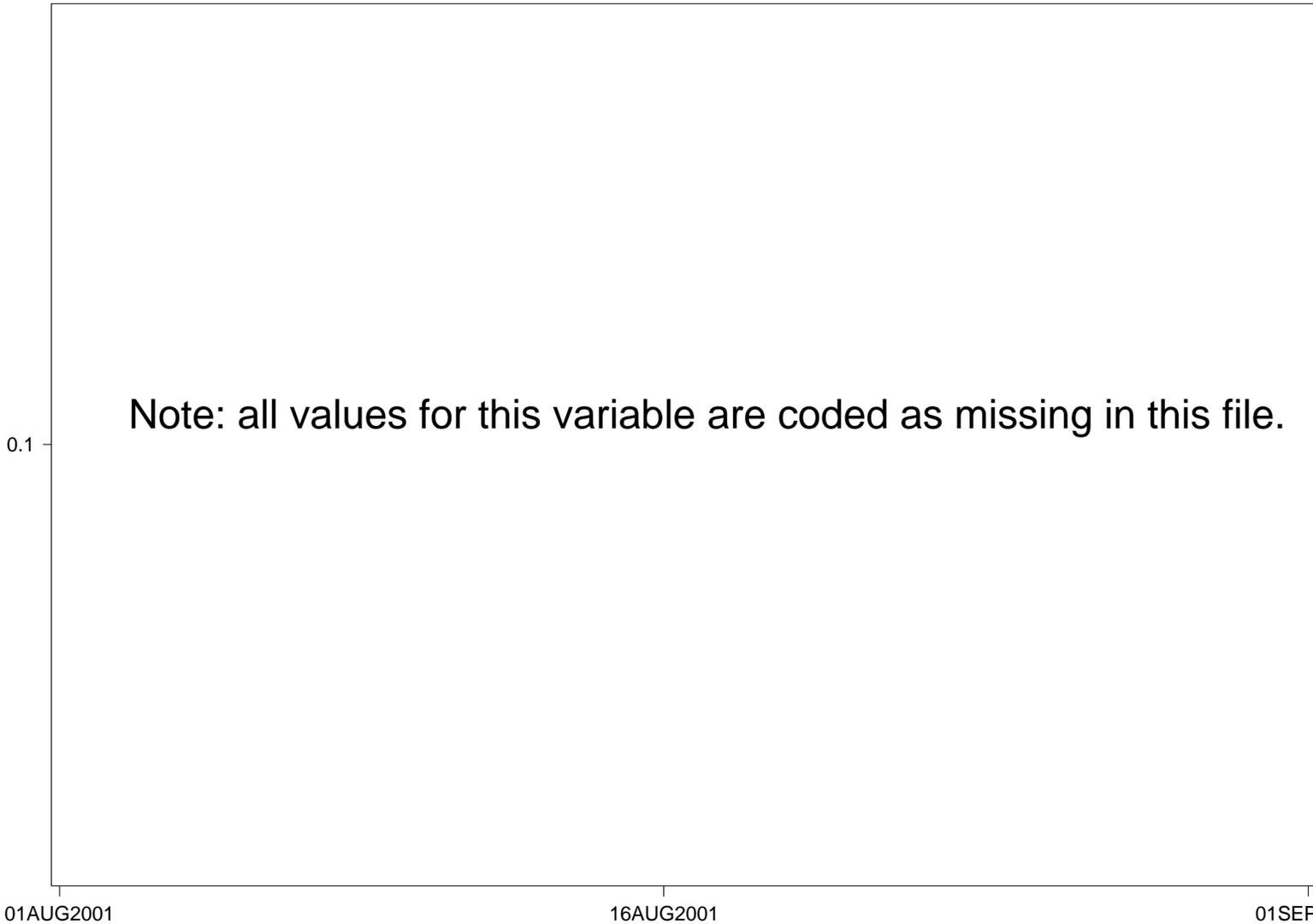
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT025** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **SEYMOUR FALLS - SEYMOUR DAM - DISTRICT OF NORTH VANCOUVER (Oz Only), British Columbia** Latitude: **49.43722222 deg.** Longitude: **-122.965 deg.** Sta

Wind speed: horizontal scalar mean (m/s)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

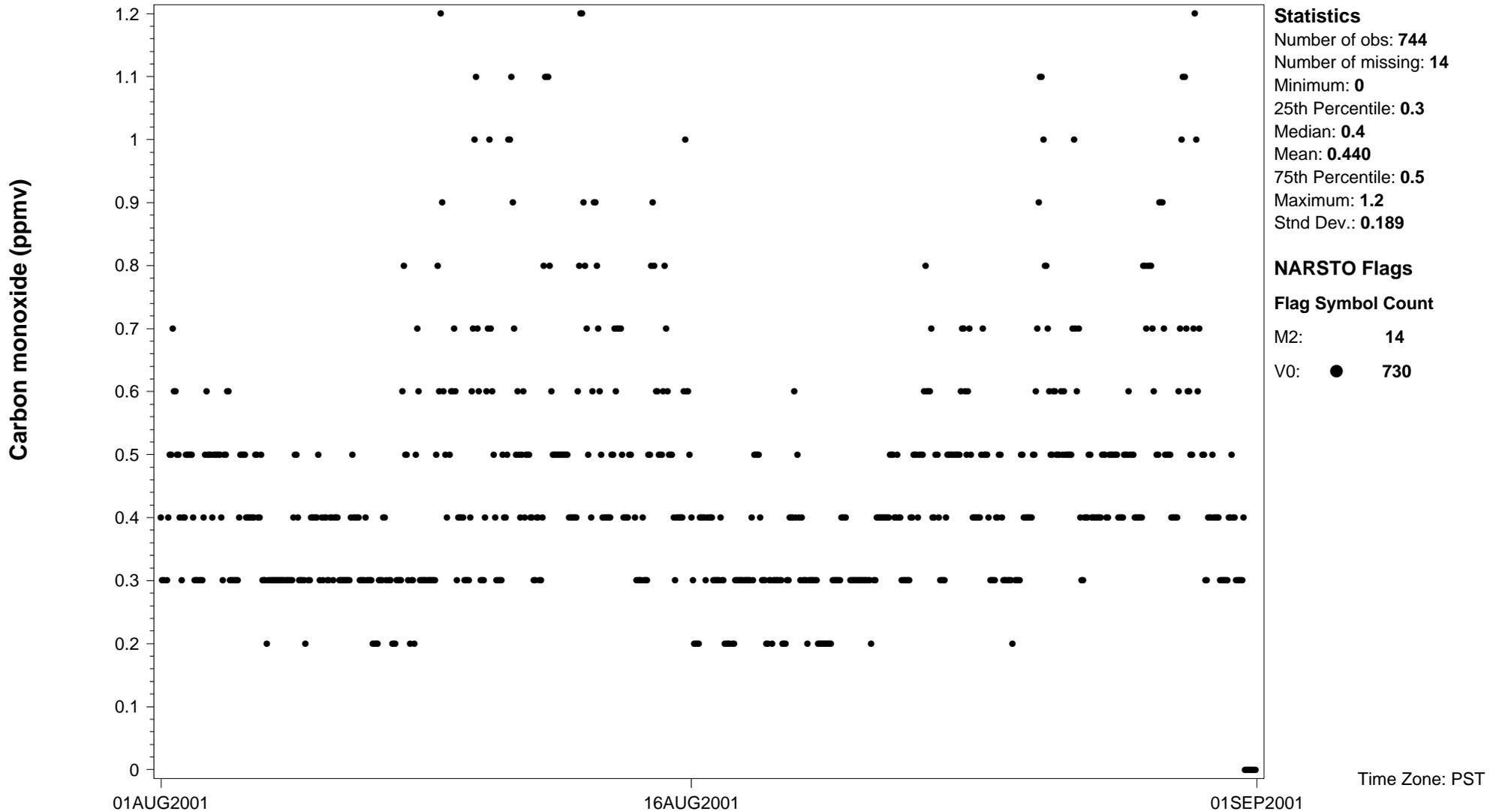
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

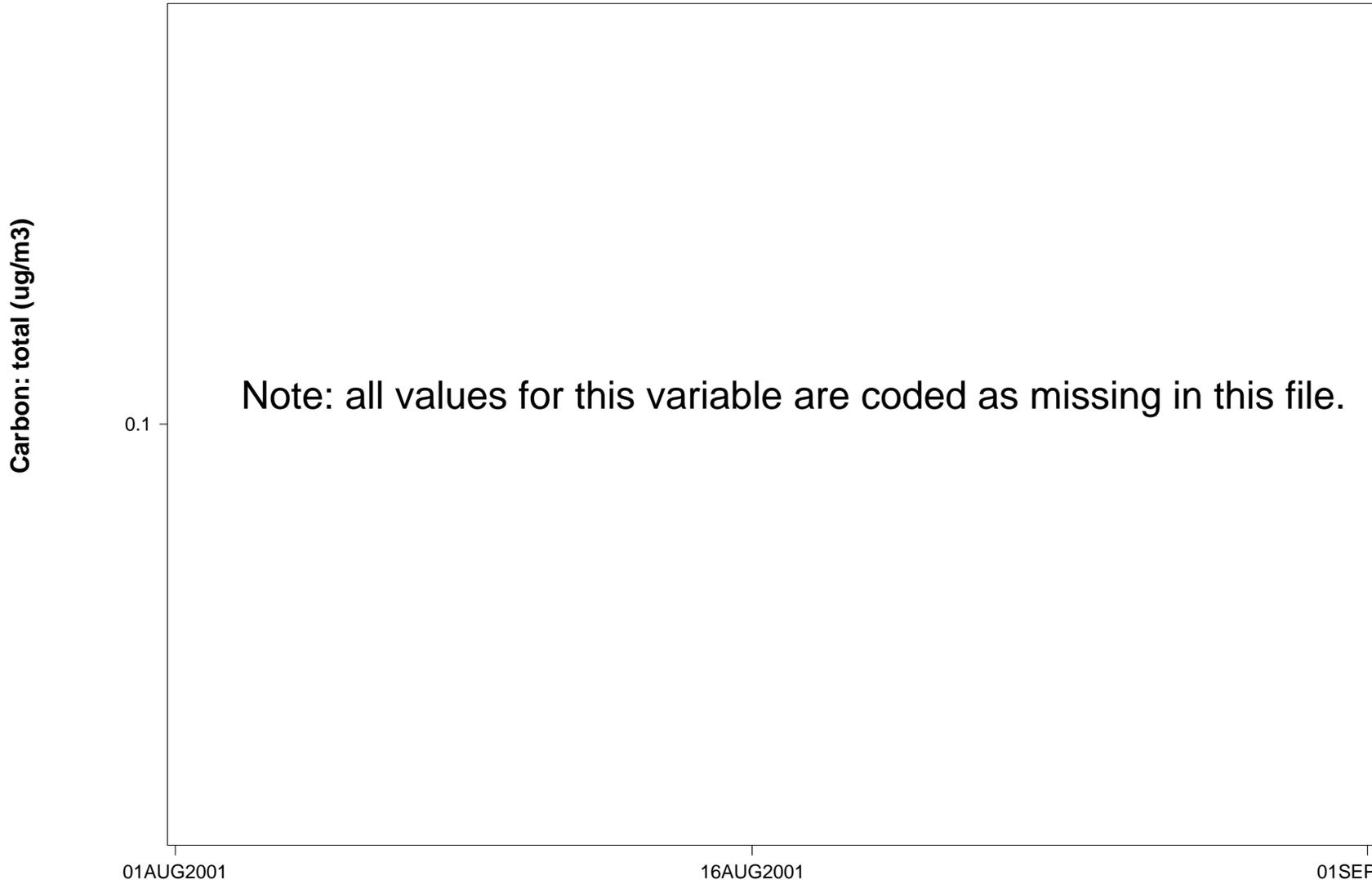
Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



Site ID: **PC01CABCT026** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

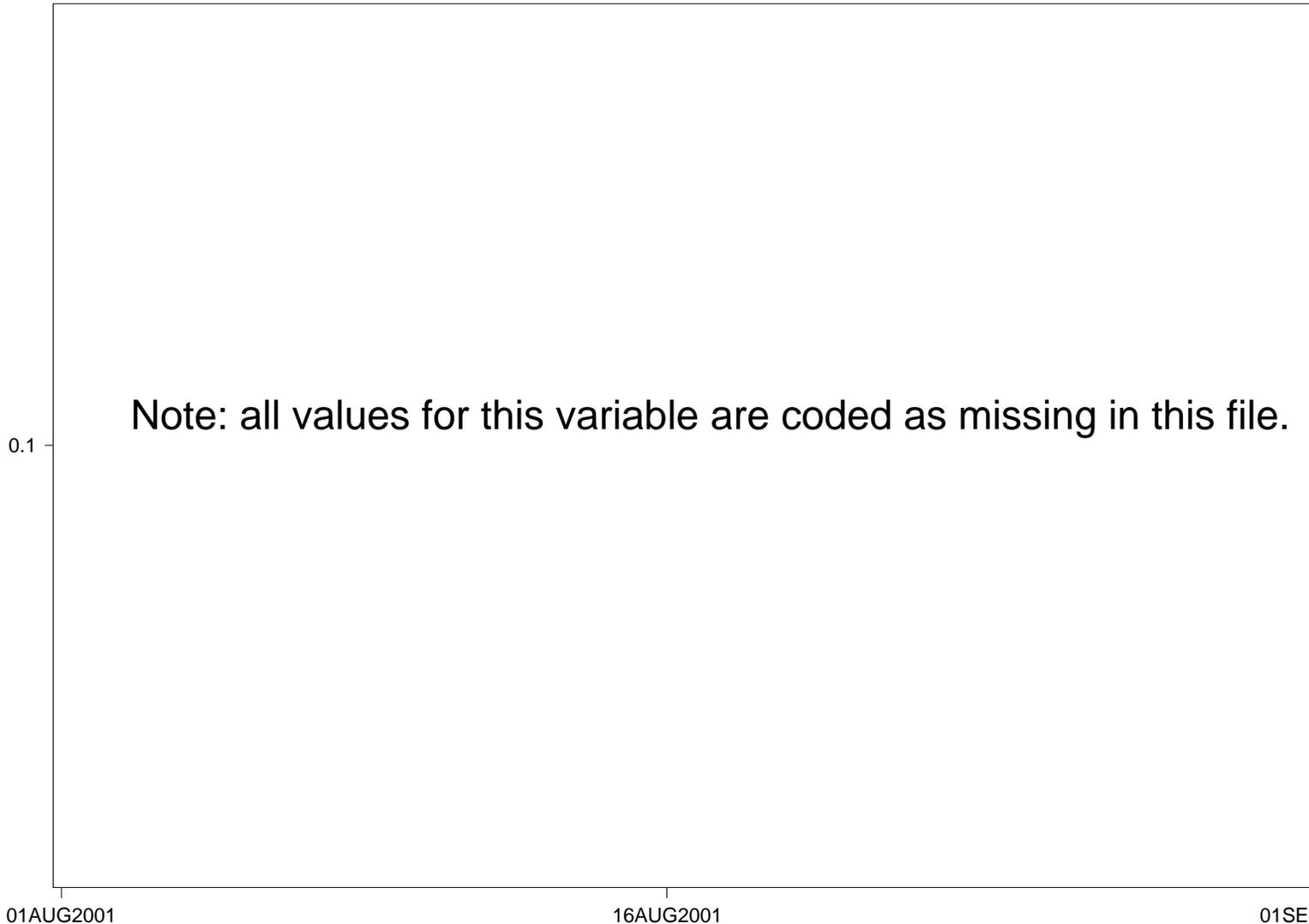
Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

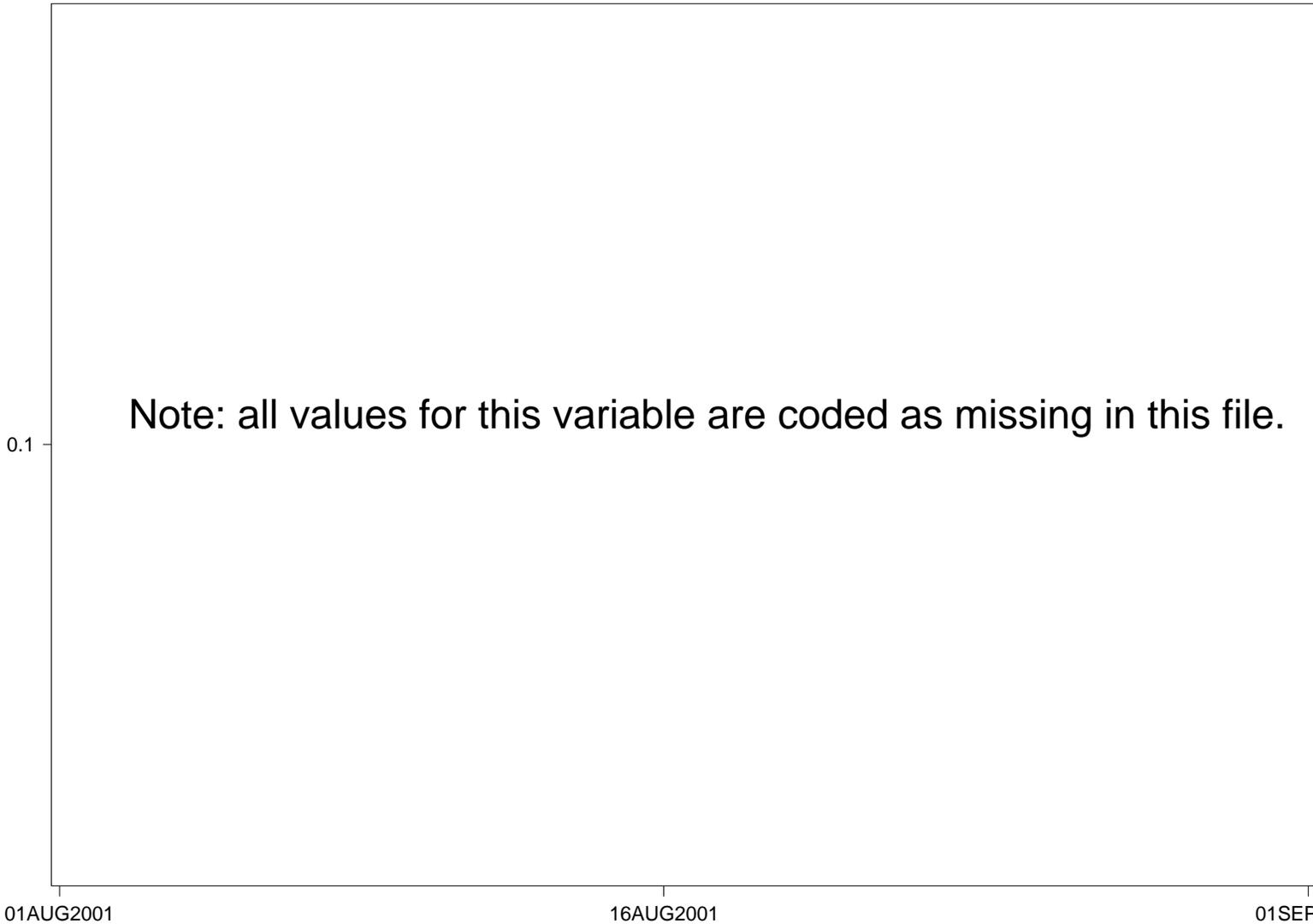
Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

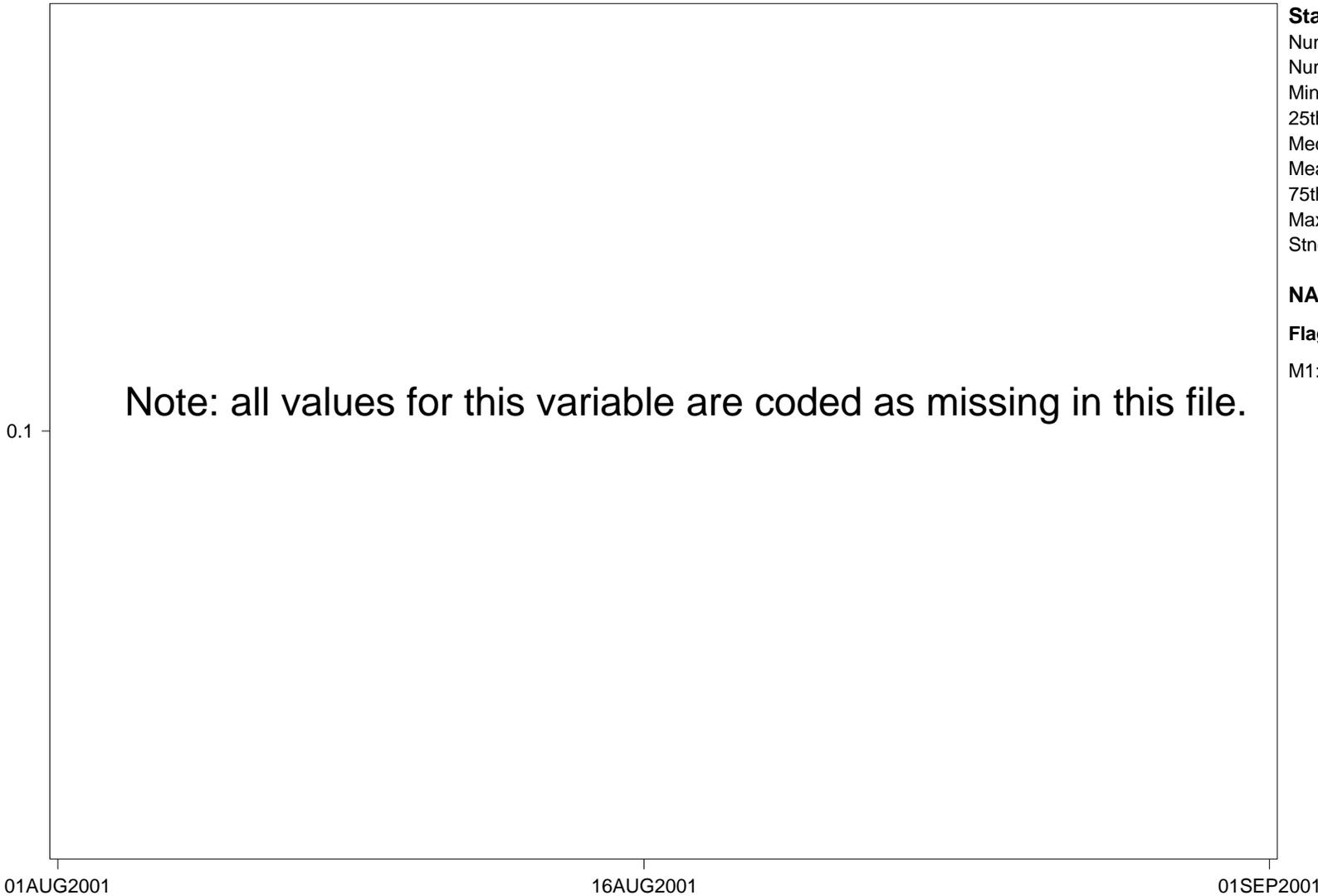
Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

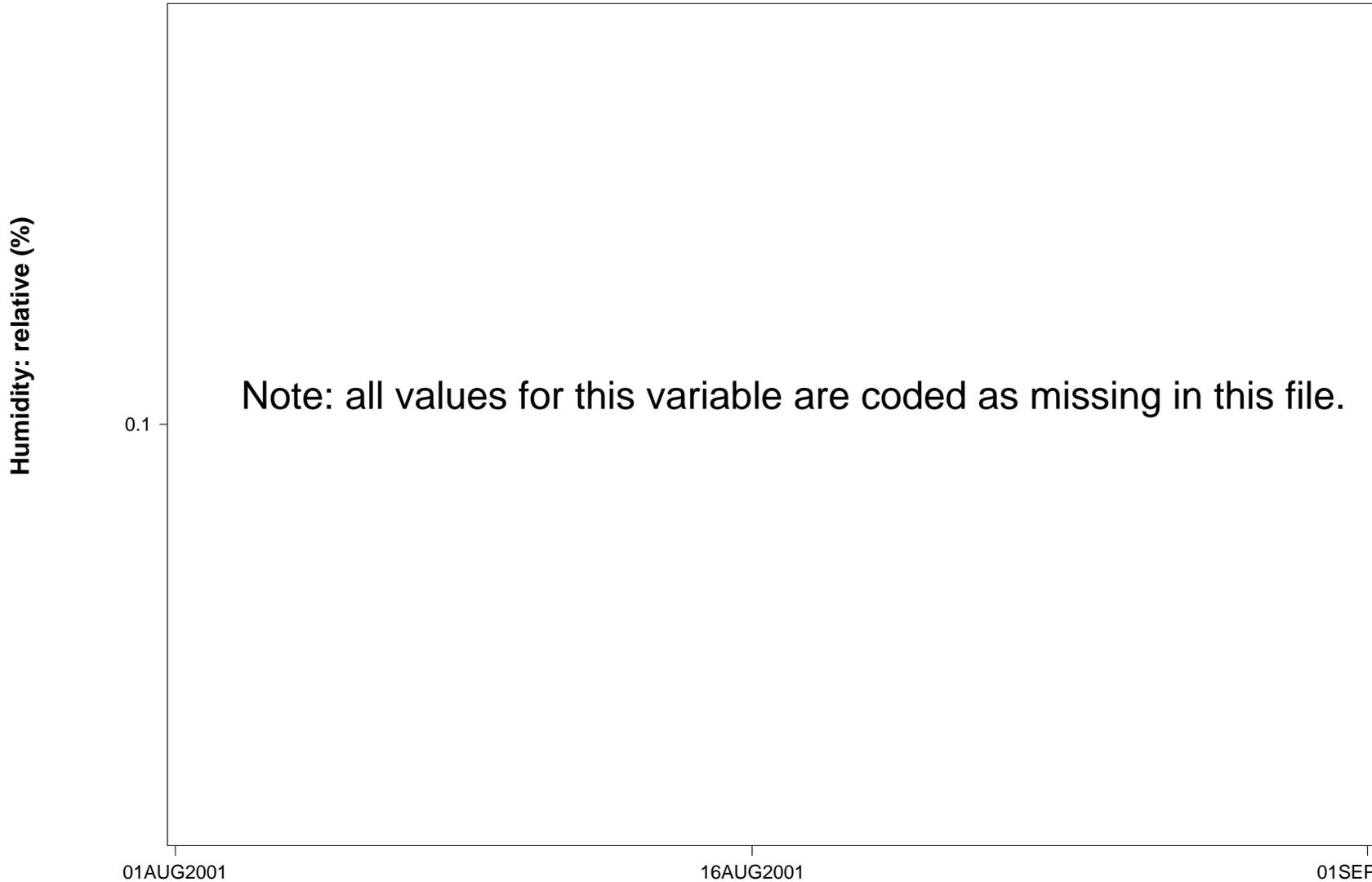
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

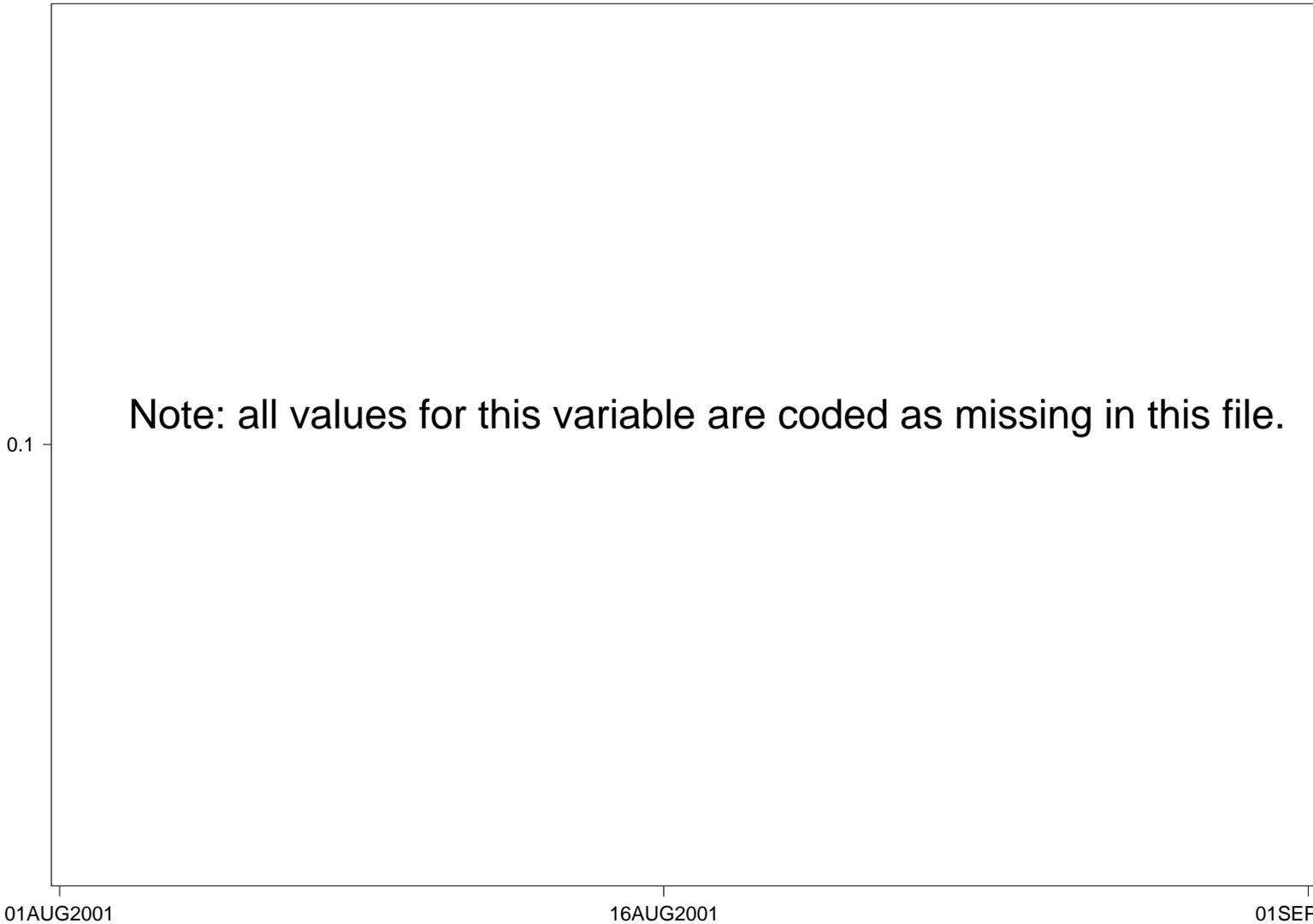
Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

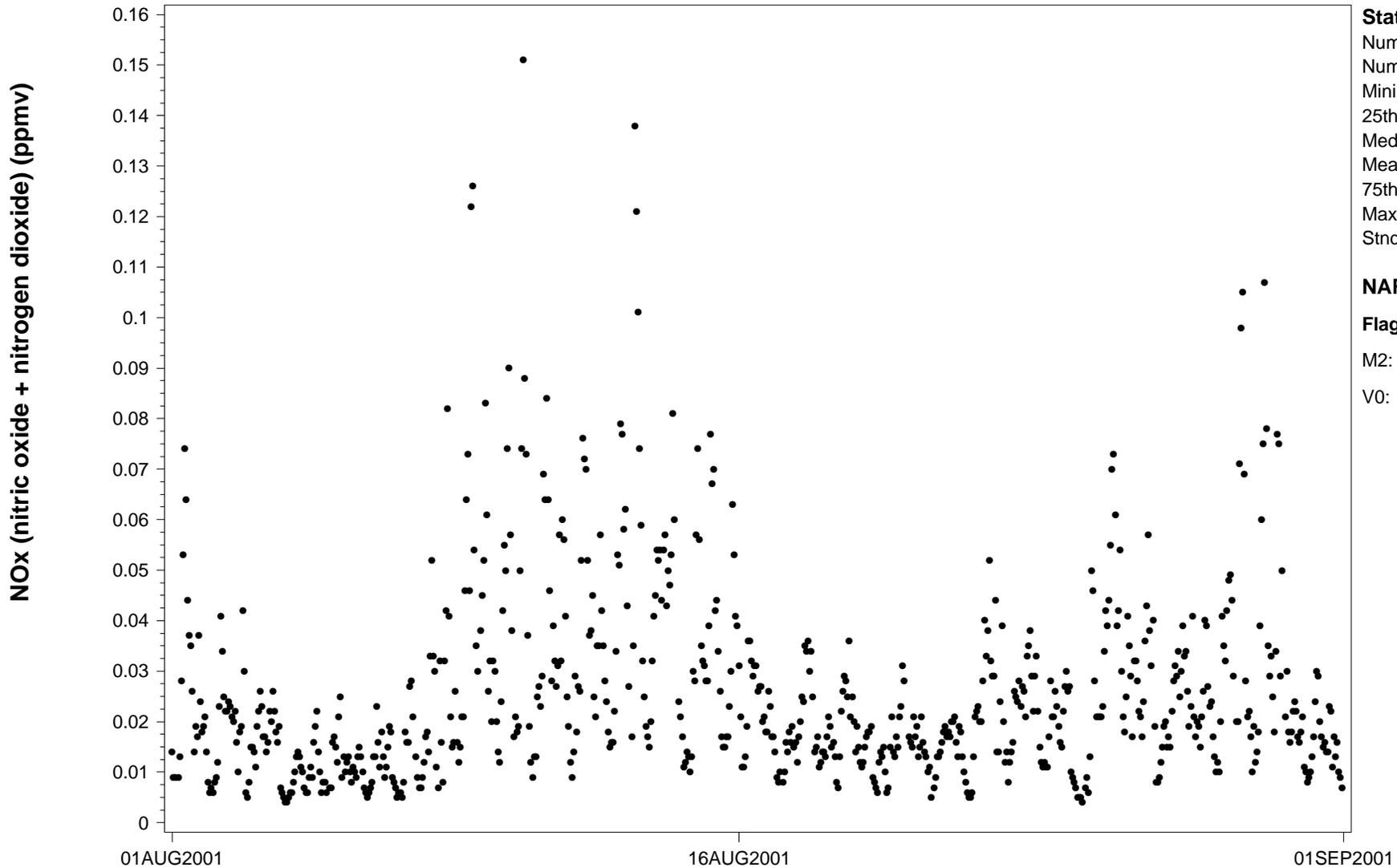
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **14**  
 Minimum: **0.004**  
 25th Percentile: **0.013**  
 Median: **0.02**  
 Mean: **0.026**  
 75th Percentile: **0.032**  
 Maximum: **0.151**  
 Stnd Dev.: **0.020**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **14**  
 V0: ● **730**

Time Zone: PST

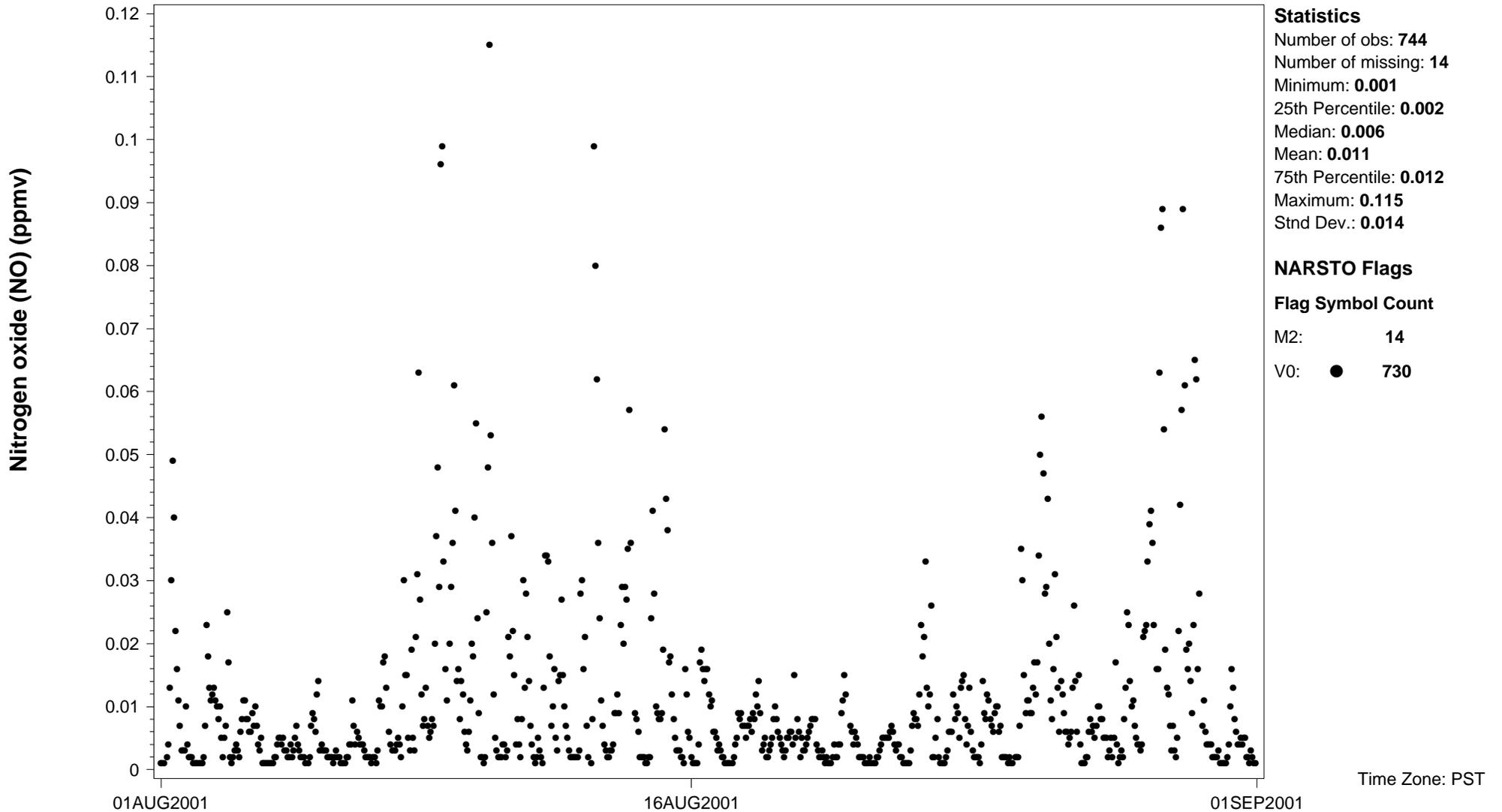
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

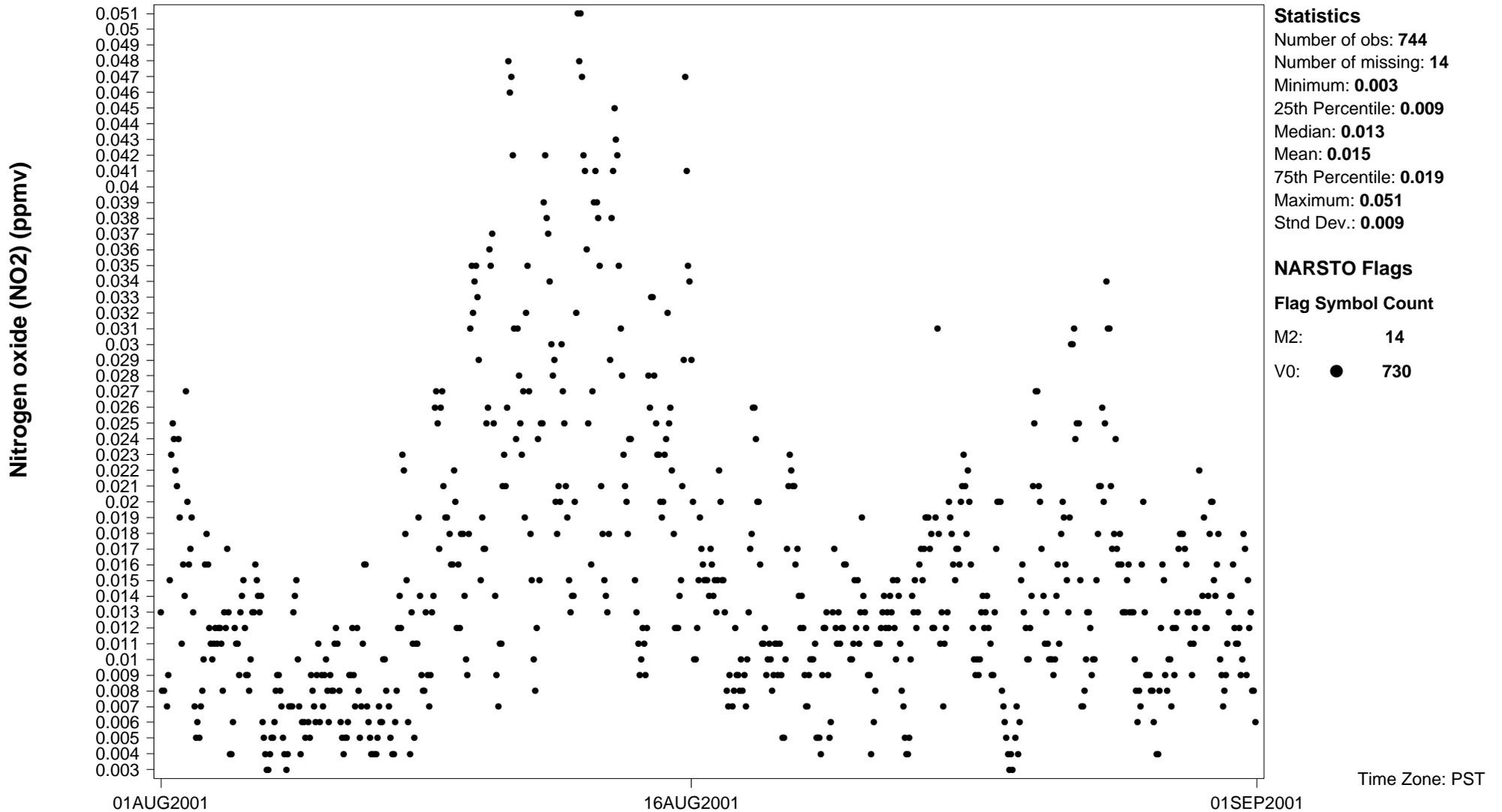


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **999**



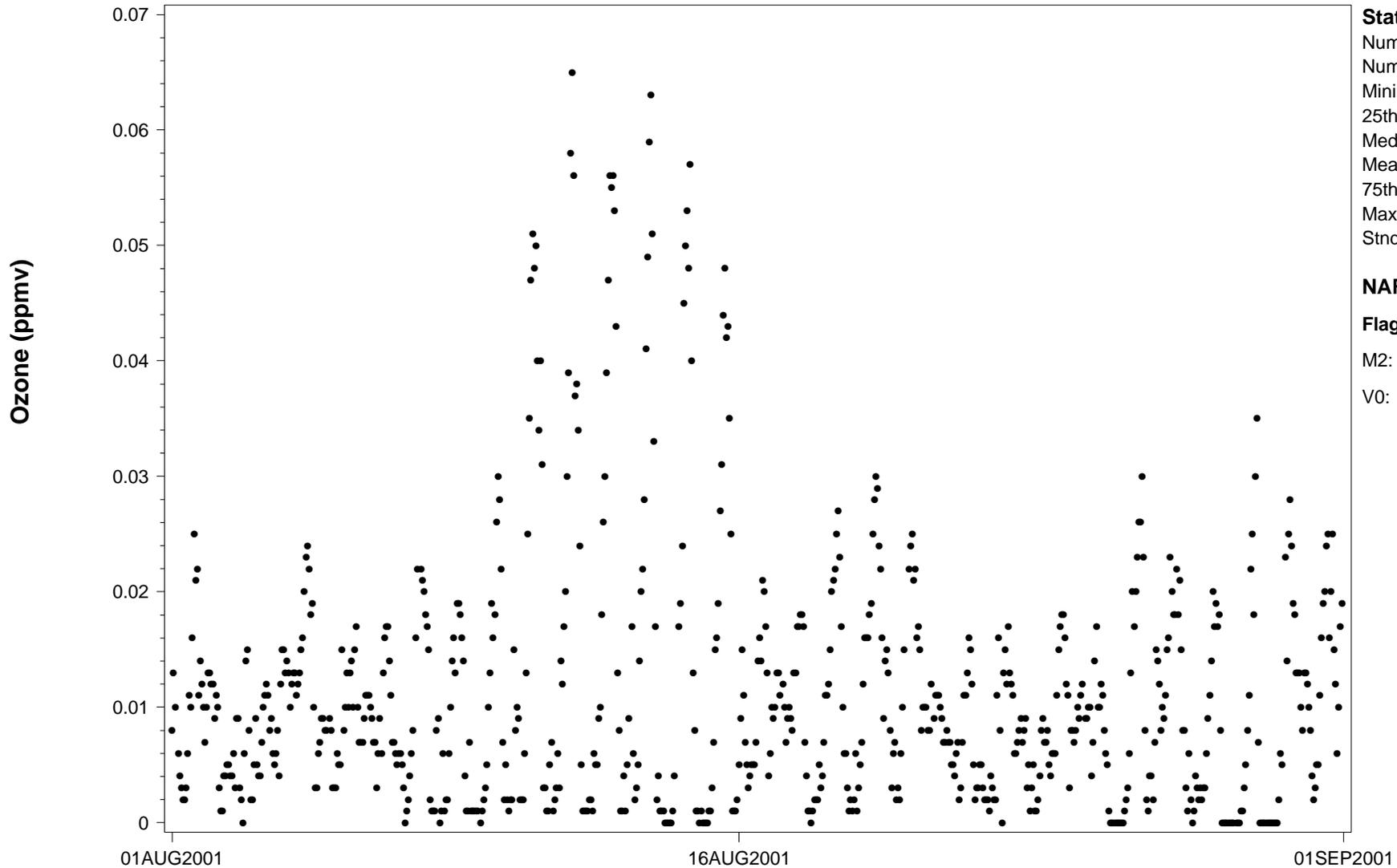
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



**Statistics**

Number of obs: **744**  
 Number of missing: **15**  
 Minimum: **0**  
 25th Percentile: **0.003**  
 Median: **0.008**  
 Mean: **0.011**  
 75th Percentile: **0.015**  
 Maximum: **0.065**  
 Std Dev.: **0.011**

**NARSTO Flags**

**Flag Symbol Count**

M2:	<b>15</b>
V0:	<b>● 729</b>

Time Zone: PST

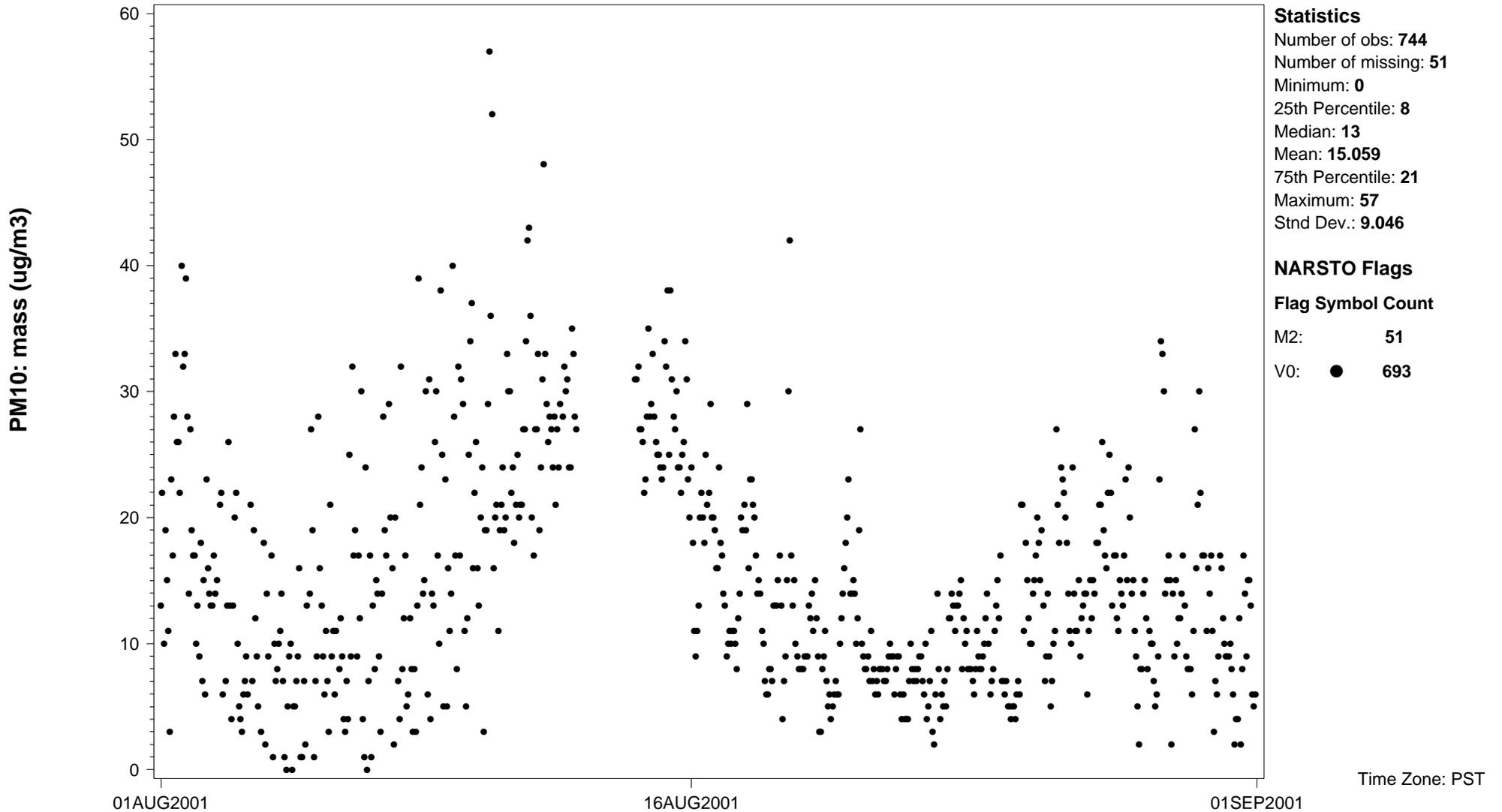
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

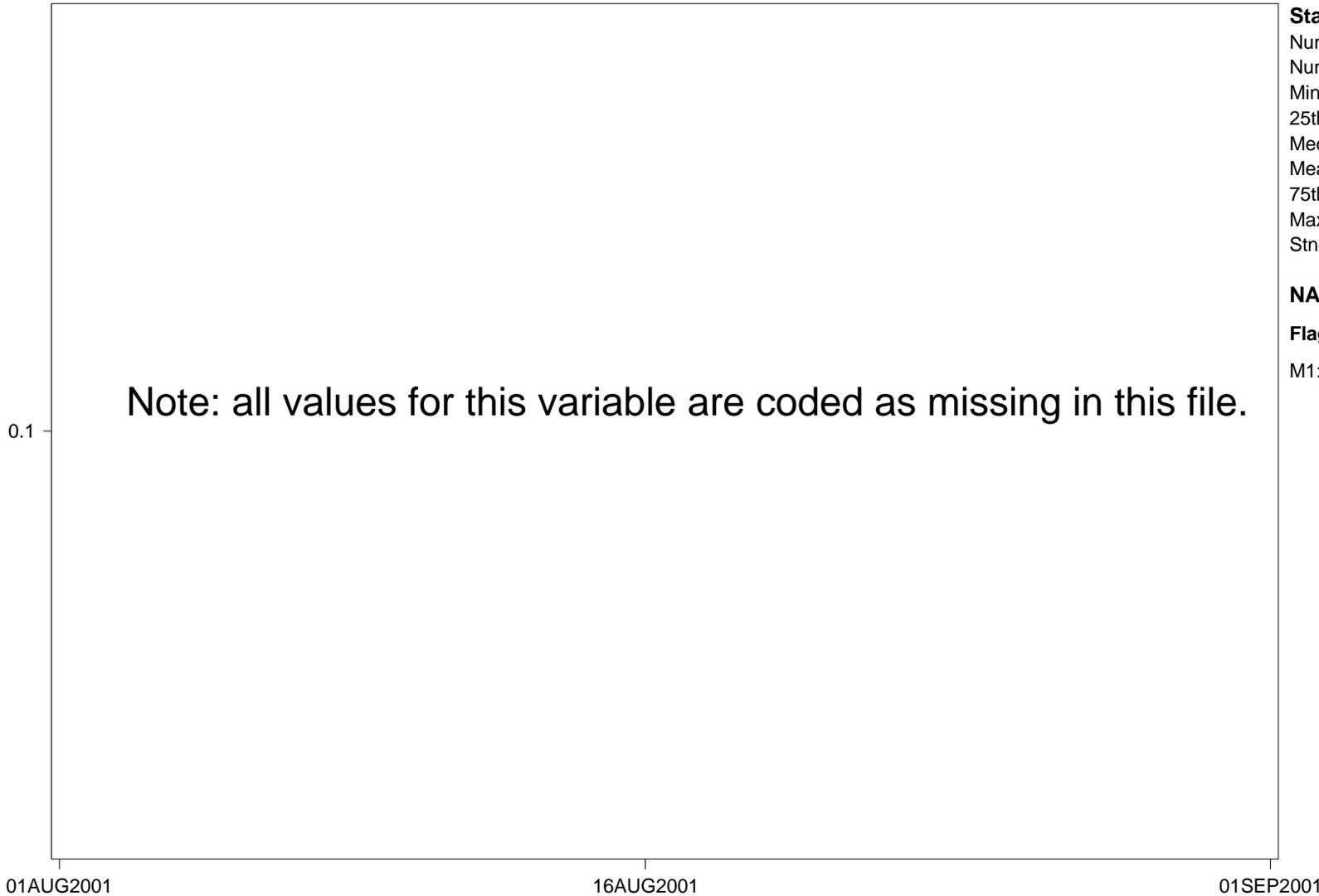


Site ID: **PC01CABCT026** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

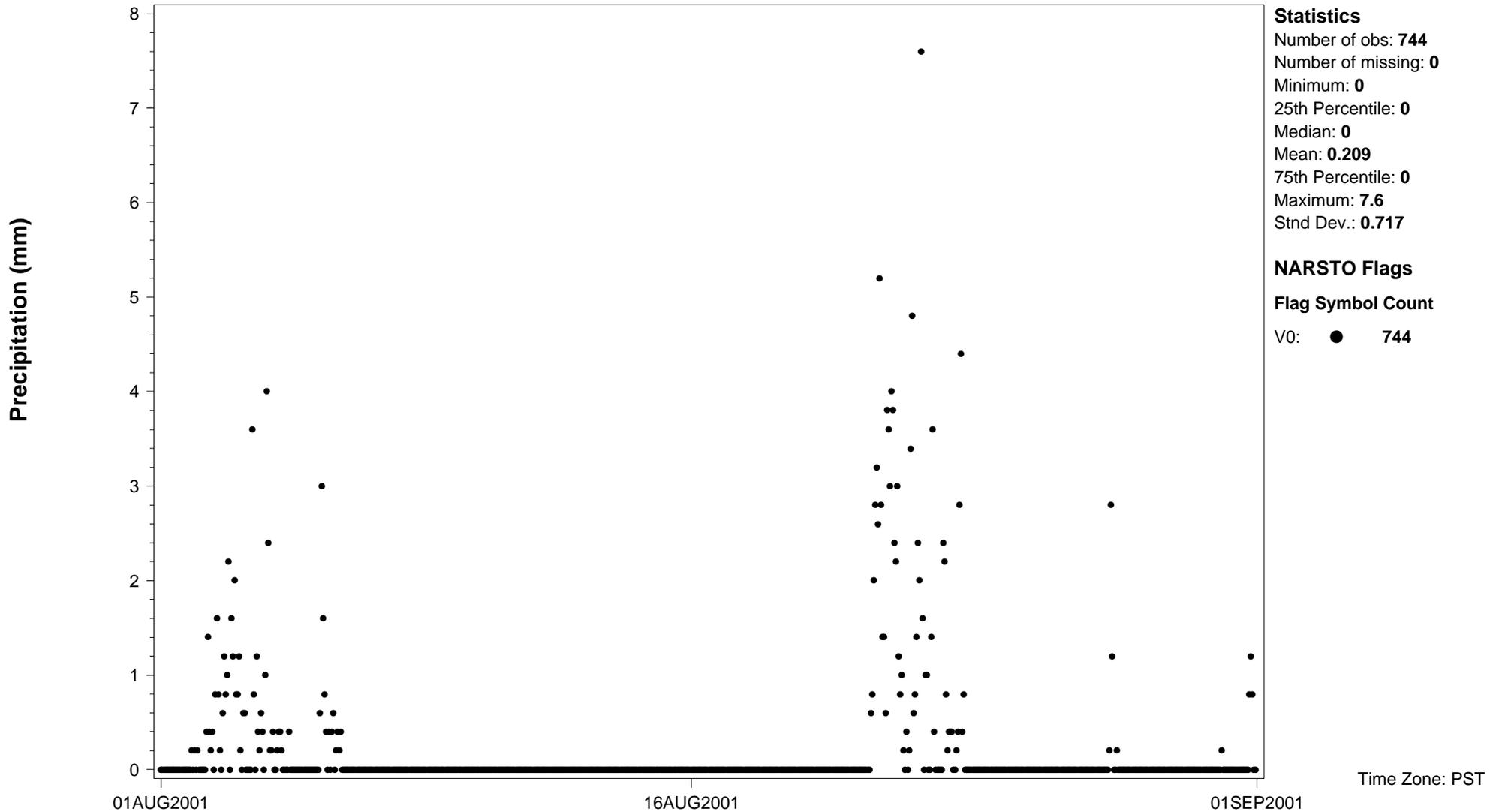
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

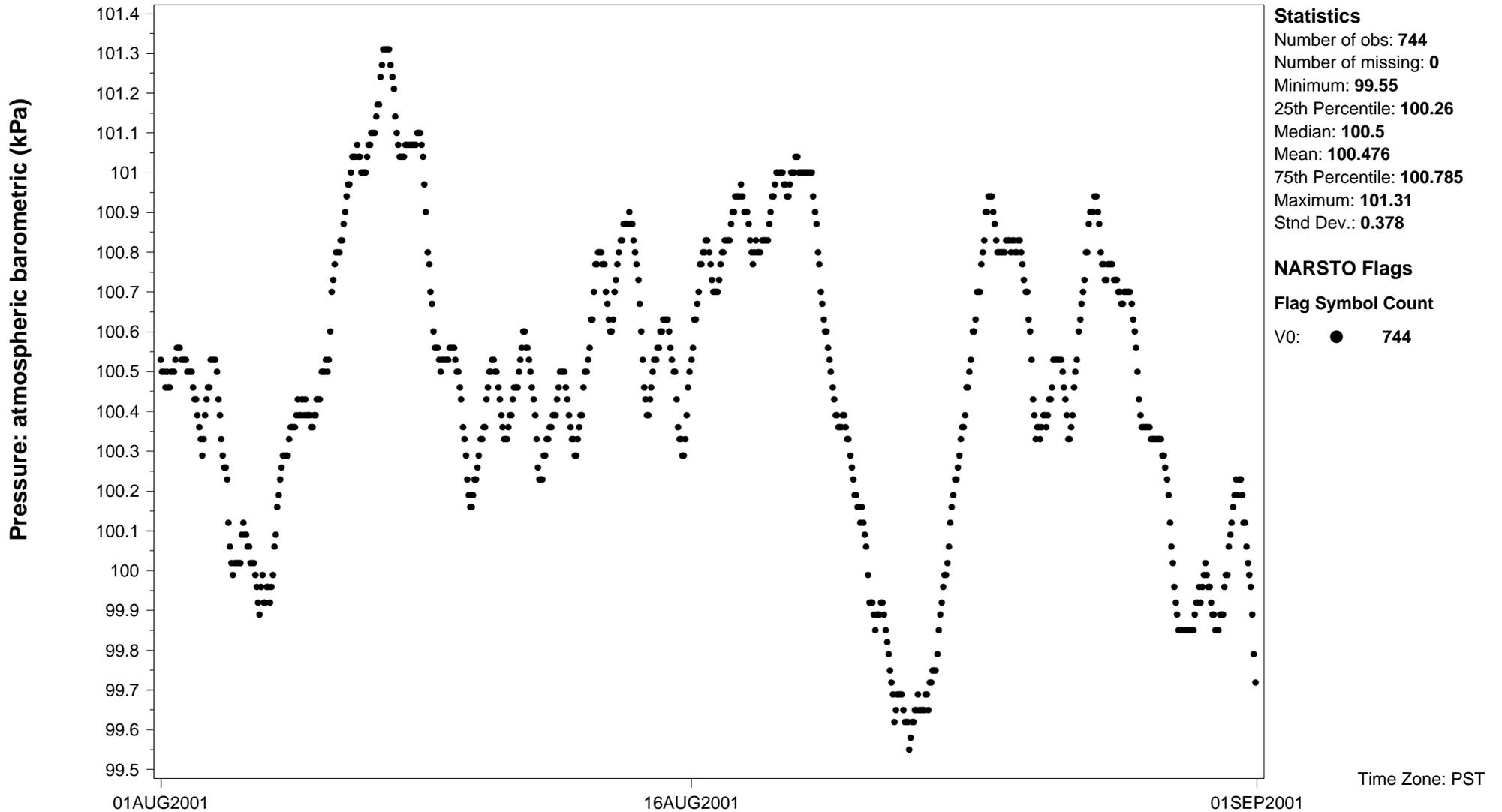


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

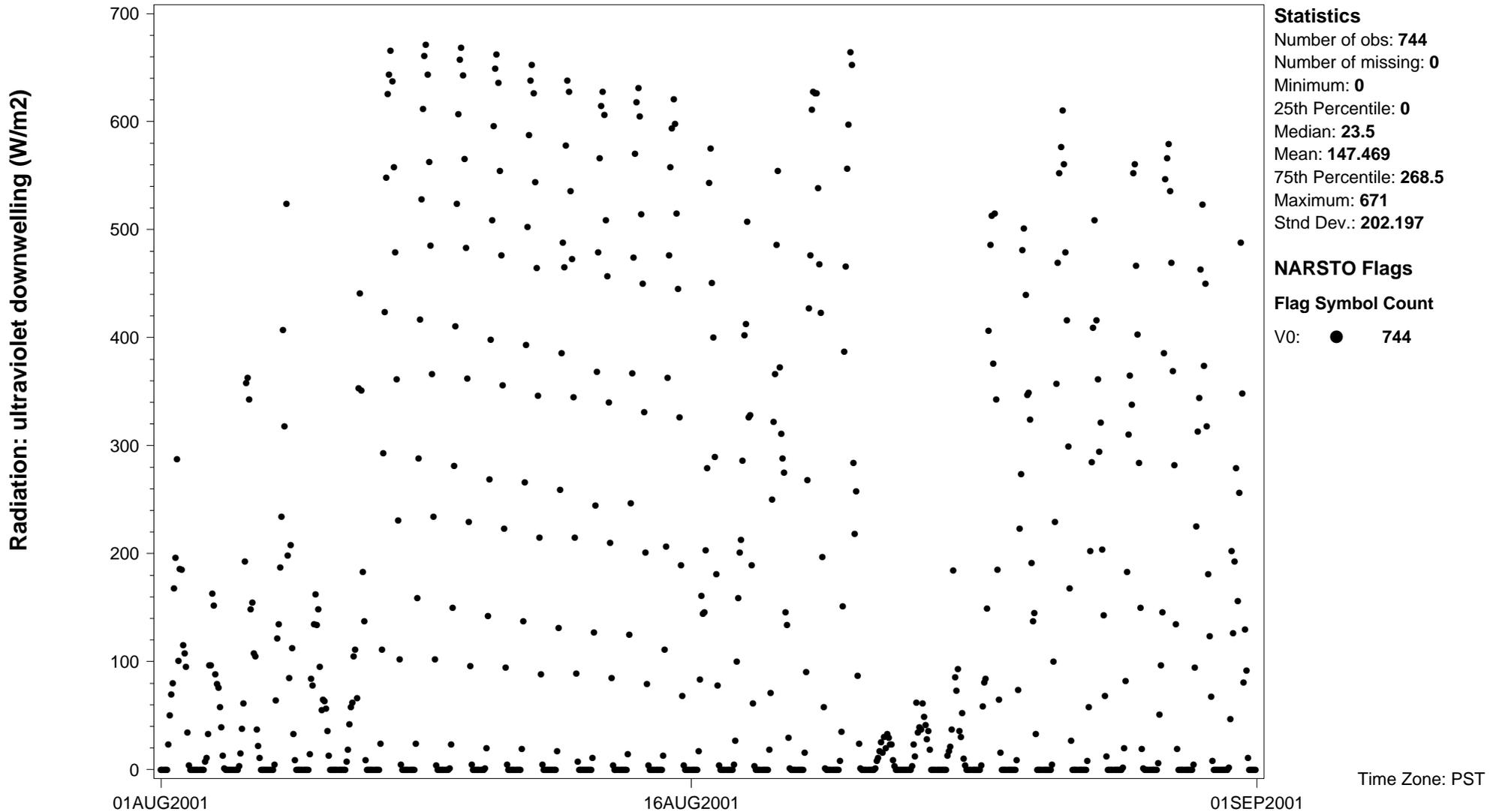


# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



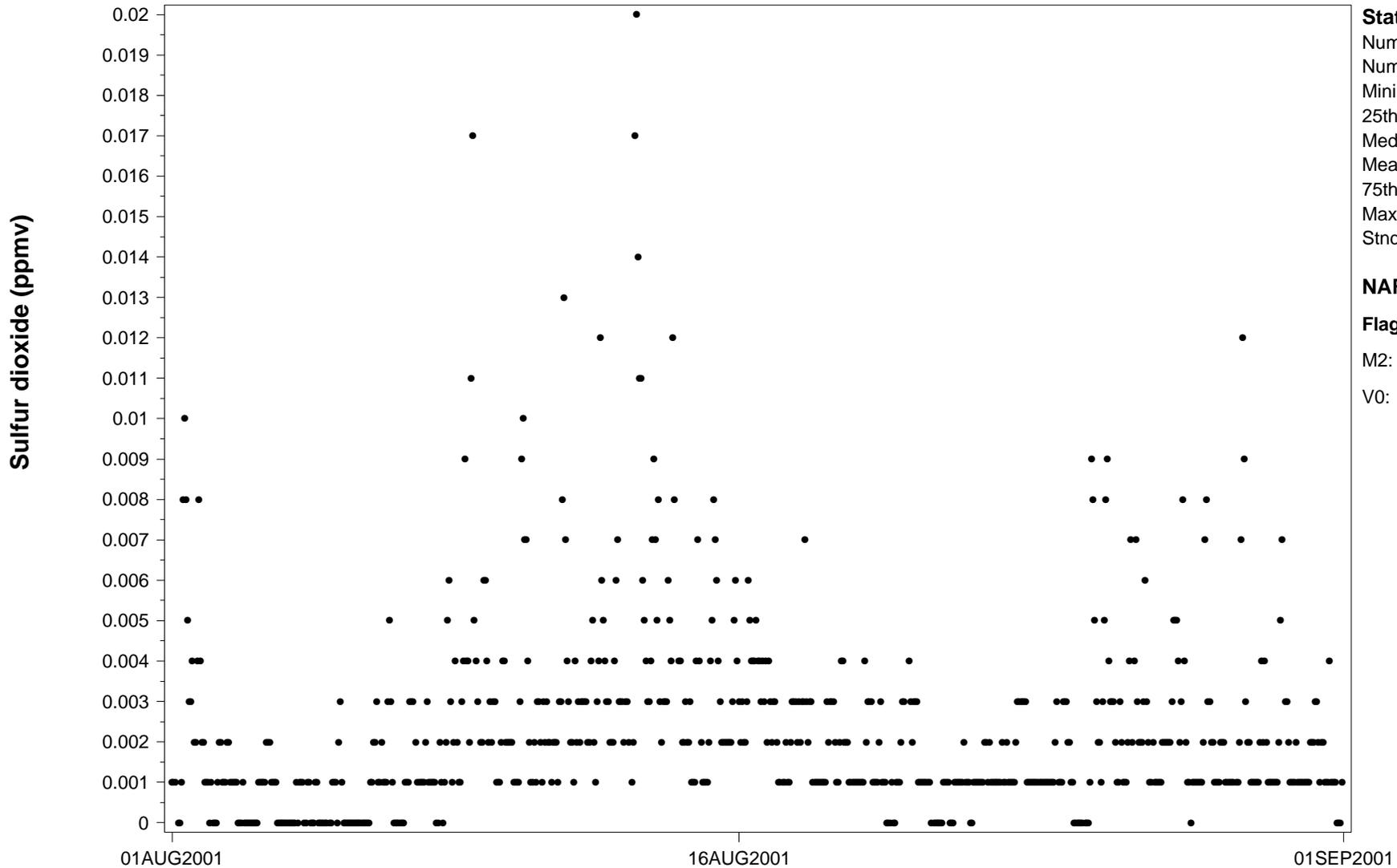
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **14**  
 Minimum: **0**  
 25th Percentile: **0.001**  
 Median: **0.002**  
 Mean: **0.002**  
 75th Percentile: **0.003**  
 Maximum: **0.02**  
 Std Dev.: **0.002**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **14**  
 V0: ● **730**

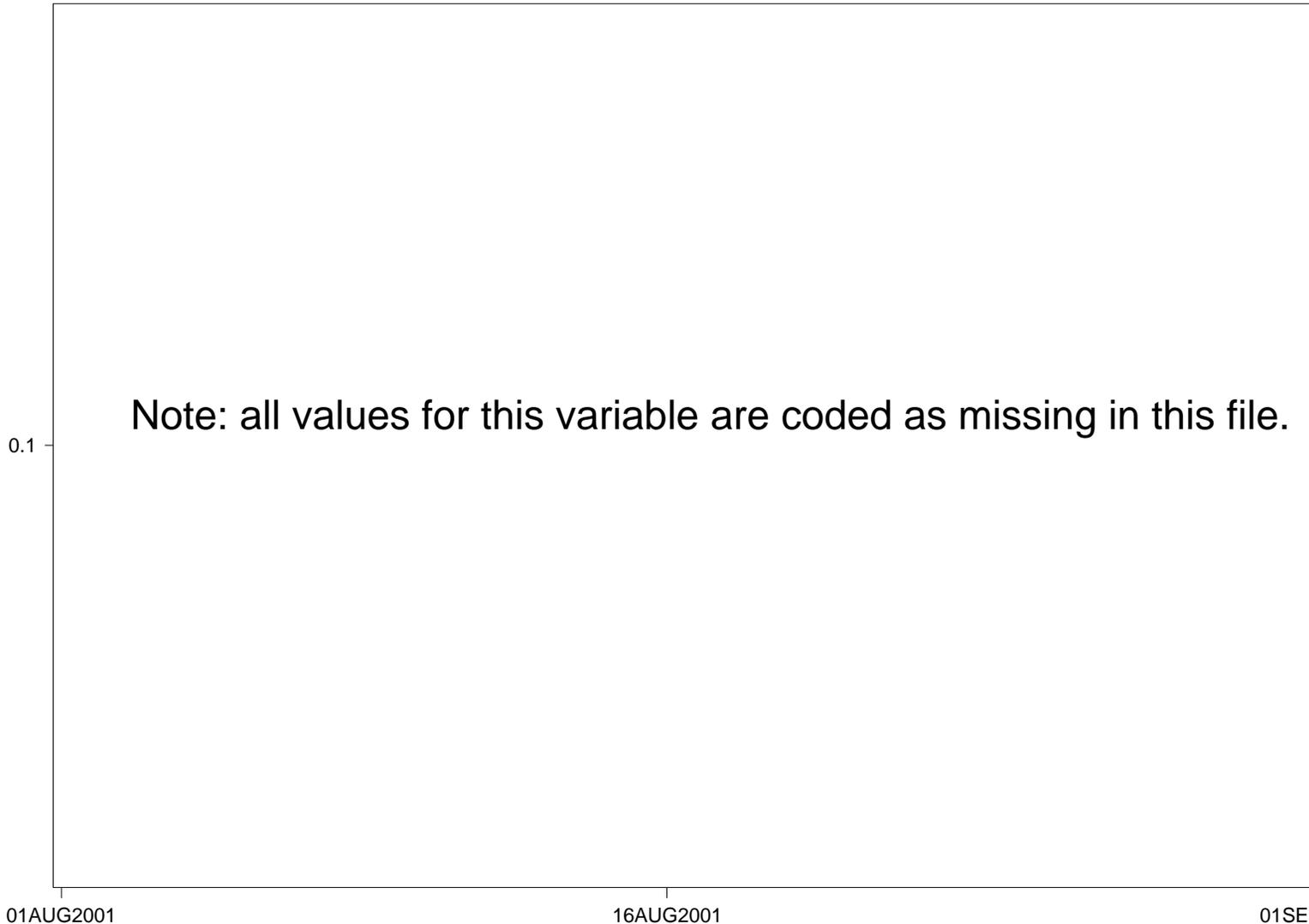
Time Zone: PST

Site ID: **PC01CABCT026** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

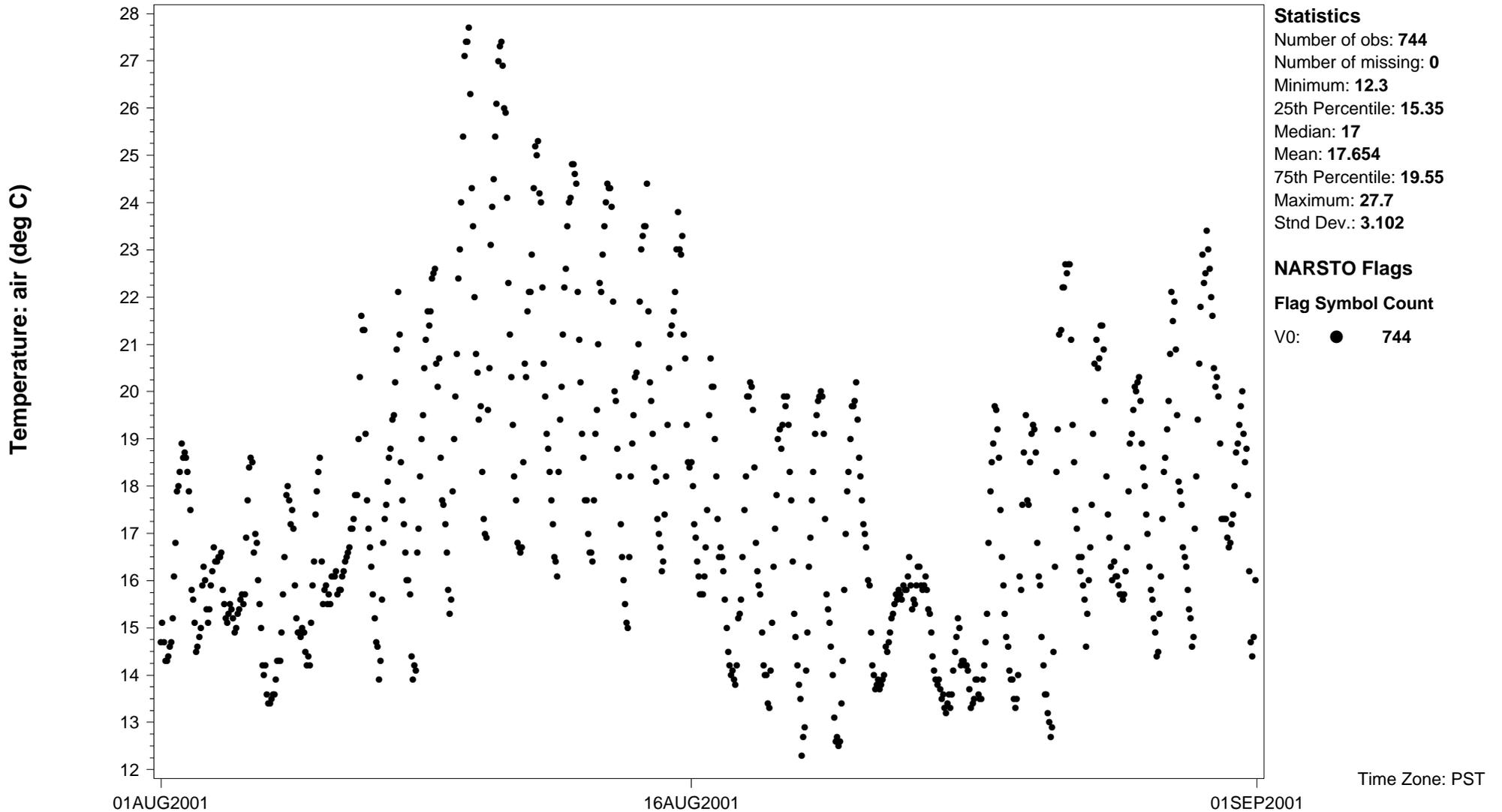
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



# NAtChem Time Series Plot

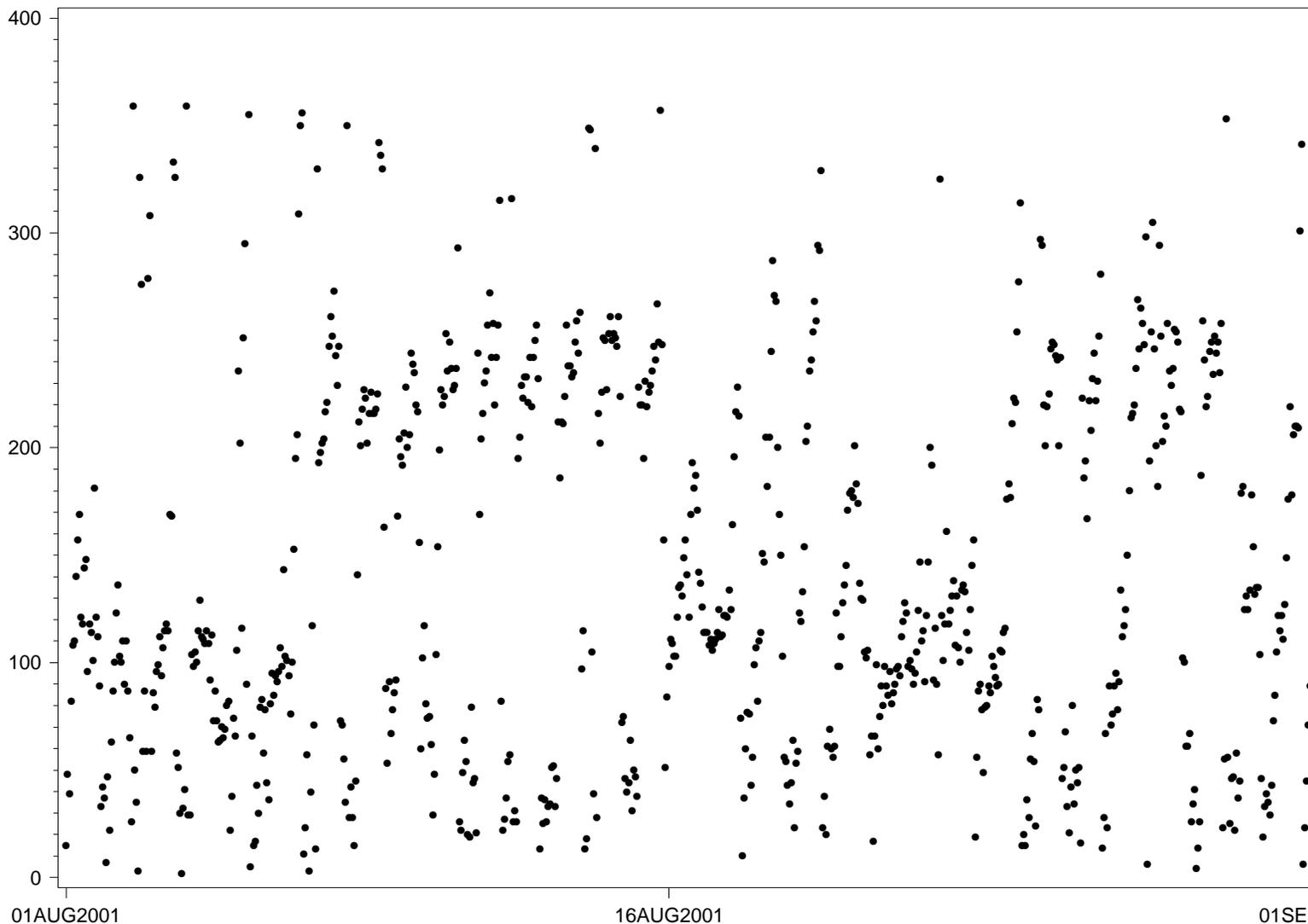
30SEP2004

Site ID: **PC01CABCT026** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Wind direction: horizontal mean scalar (decimal degree)



### Statistics

Number of obs: **744**  
Number of missing: **0**  
Minimum: **2**  
25th Percentile: **68.5**  
Median: **116**  
Mean: **139.323**  
75th Percentile: **218**  
Maximum: **359**  
Std Dev.: **86.370**

### NARSTO Flags

#### Flag Symbol Count

V0: ● 744

Time Zone: PST

# NAtChem Time Series Plot

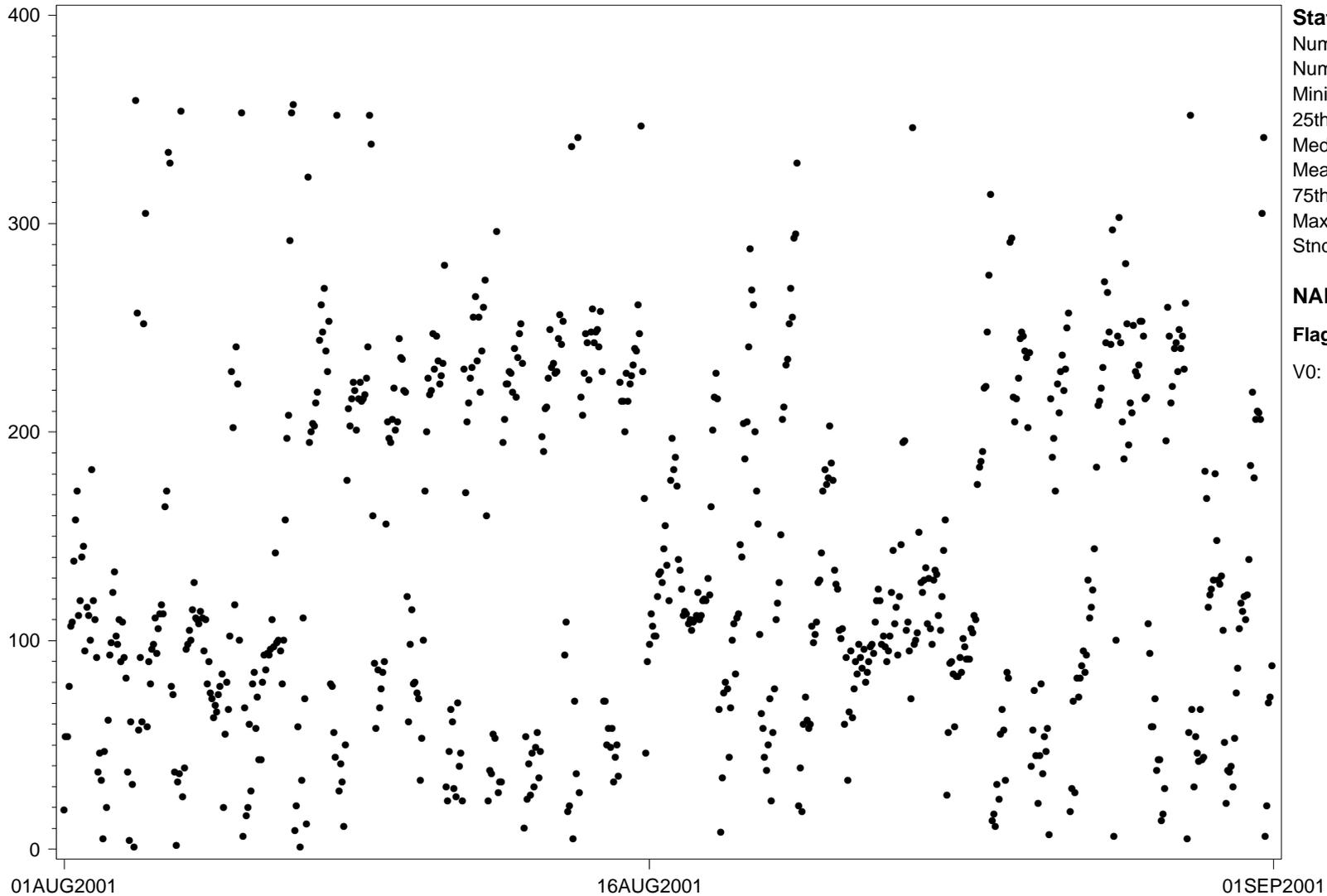
30SEP2004

Site ID: **PC01CABCT026** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.3238889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

Wind direction: horizontal resultant mean vector (decimal degree)

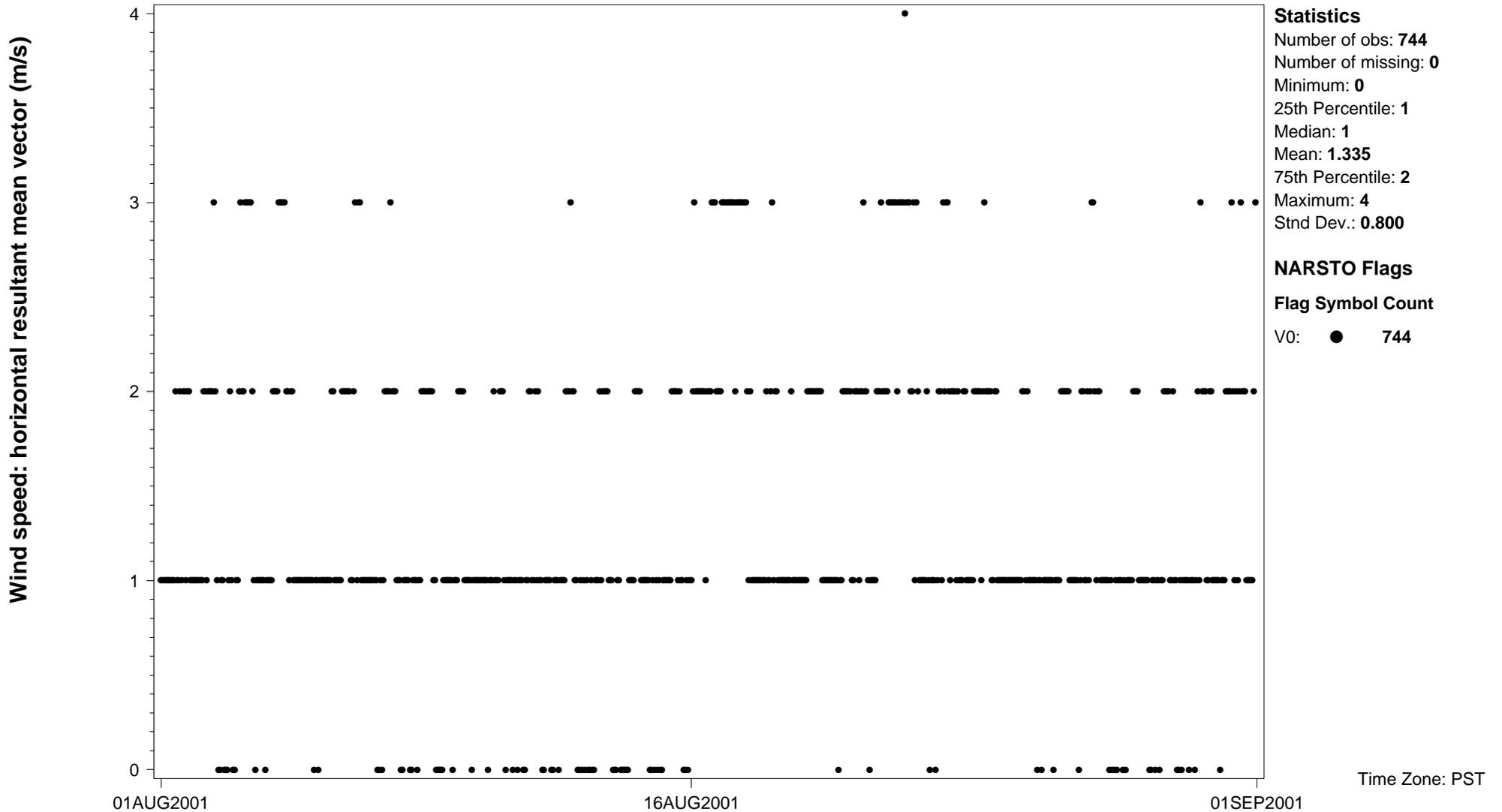


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**



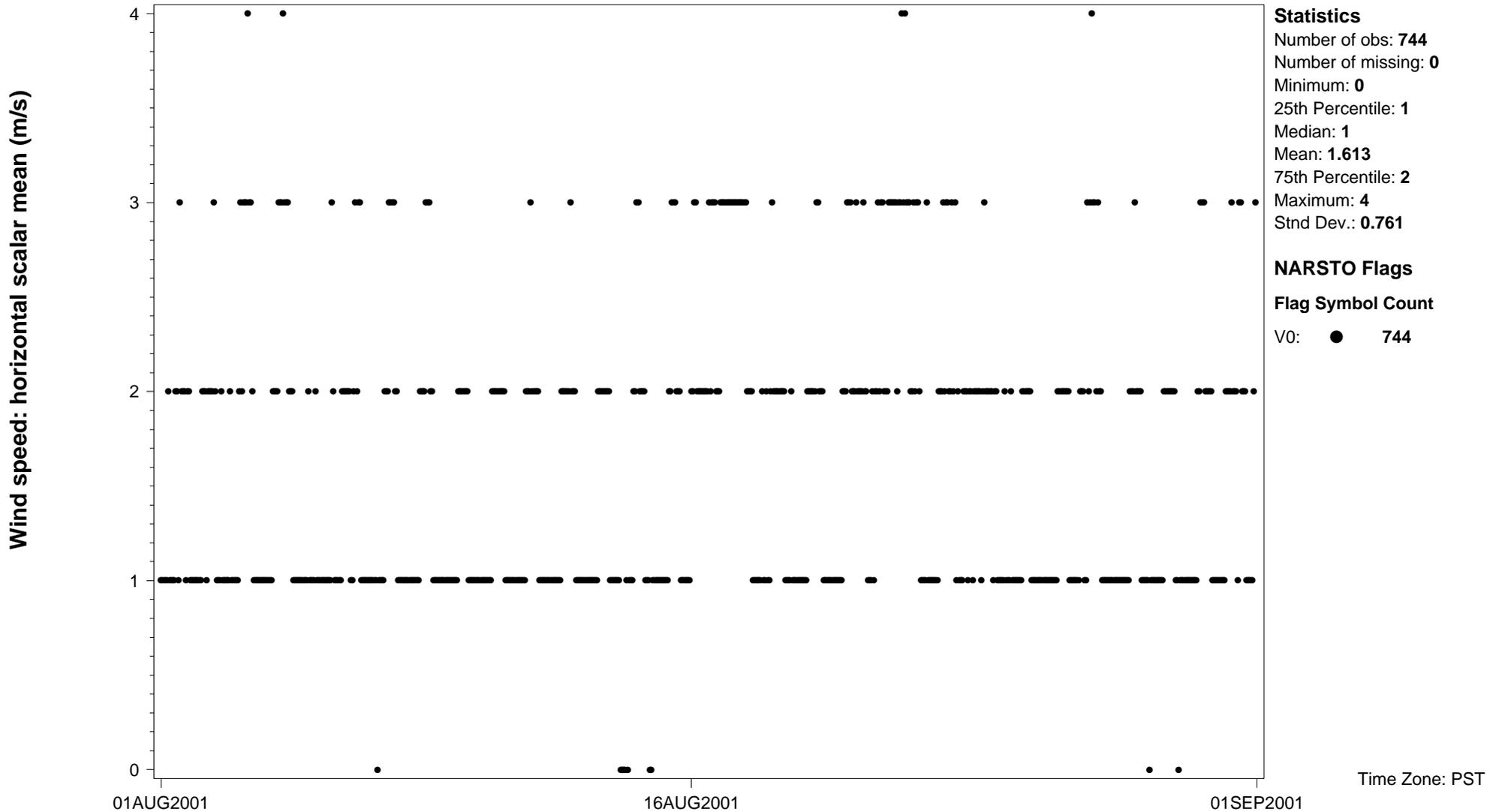
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT026** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **MAHON PARK - 16TH STREET AND JONES AVENUE - NORTH VAN, British Columbia** Latitude: **49.32388889 deg.** Longitude: **-123.0830556 deg.** Start Date: **9999**

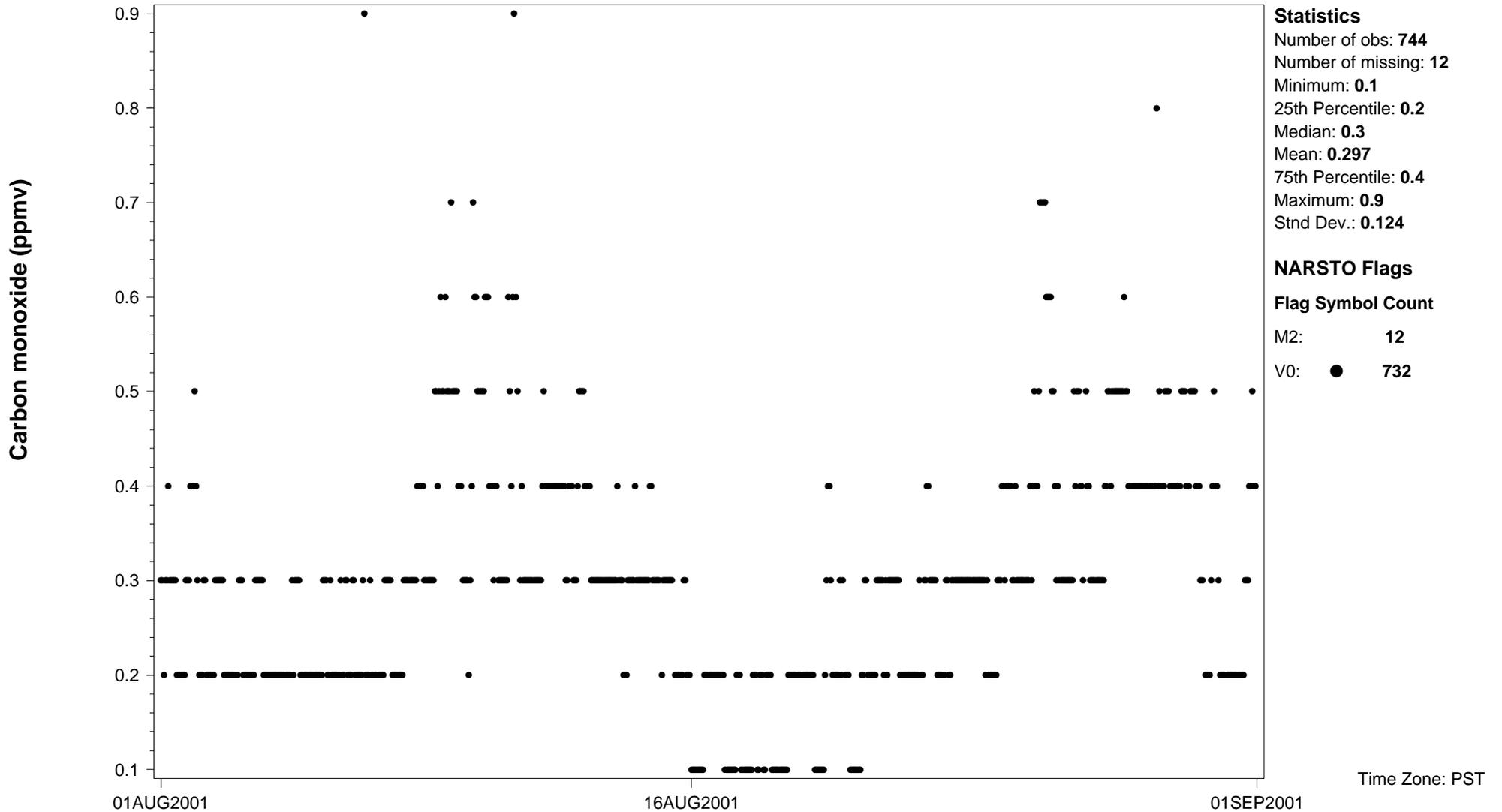


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

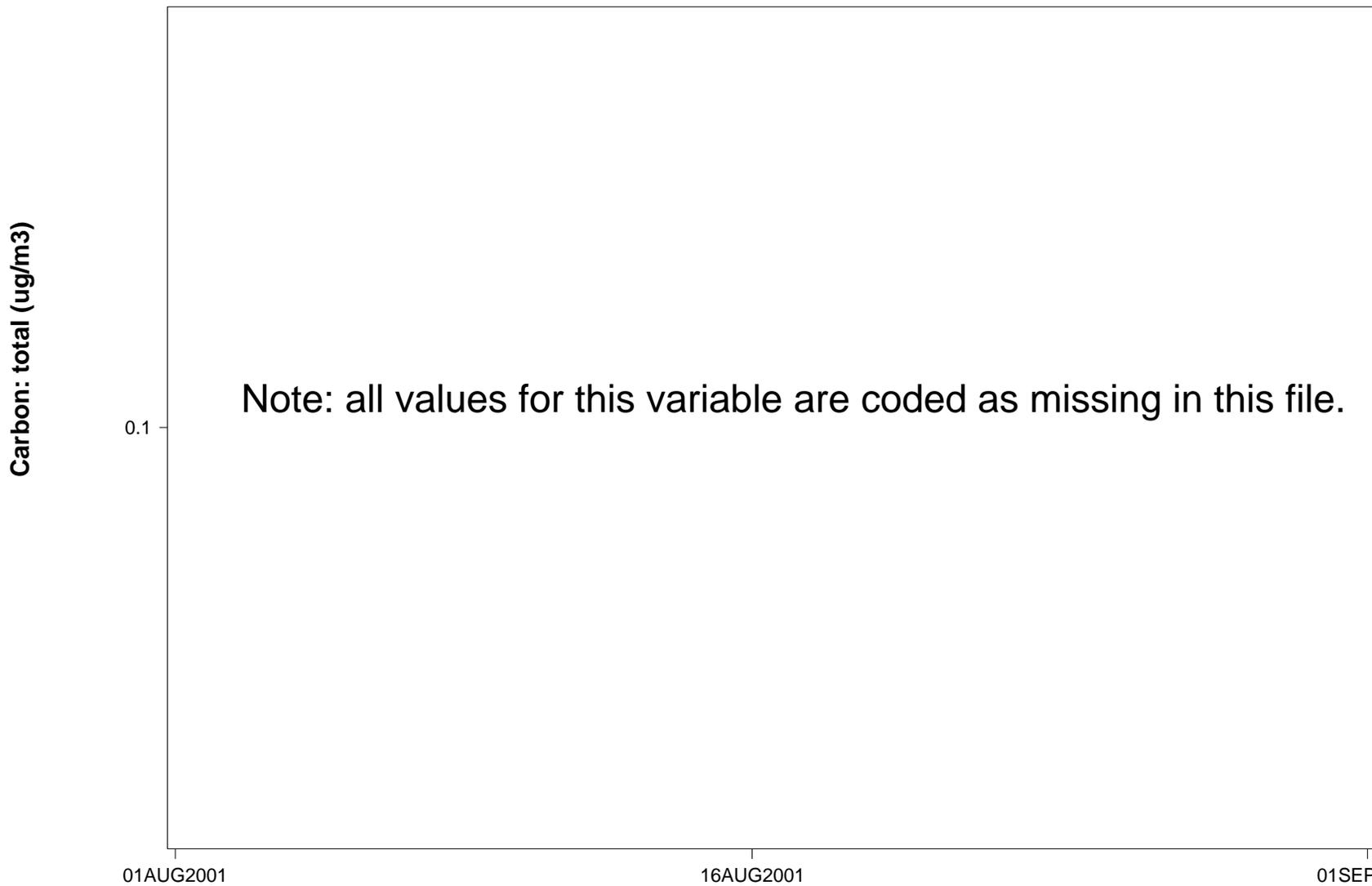
Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT027** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

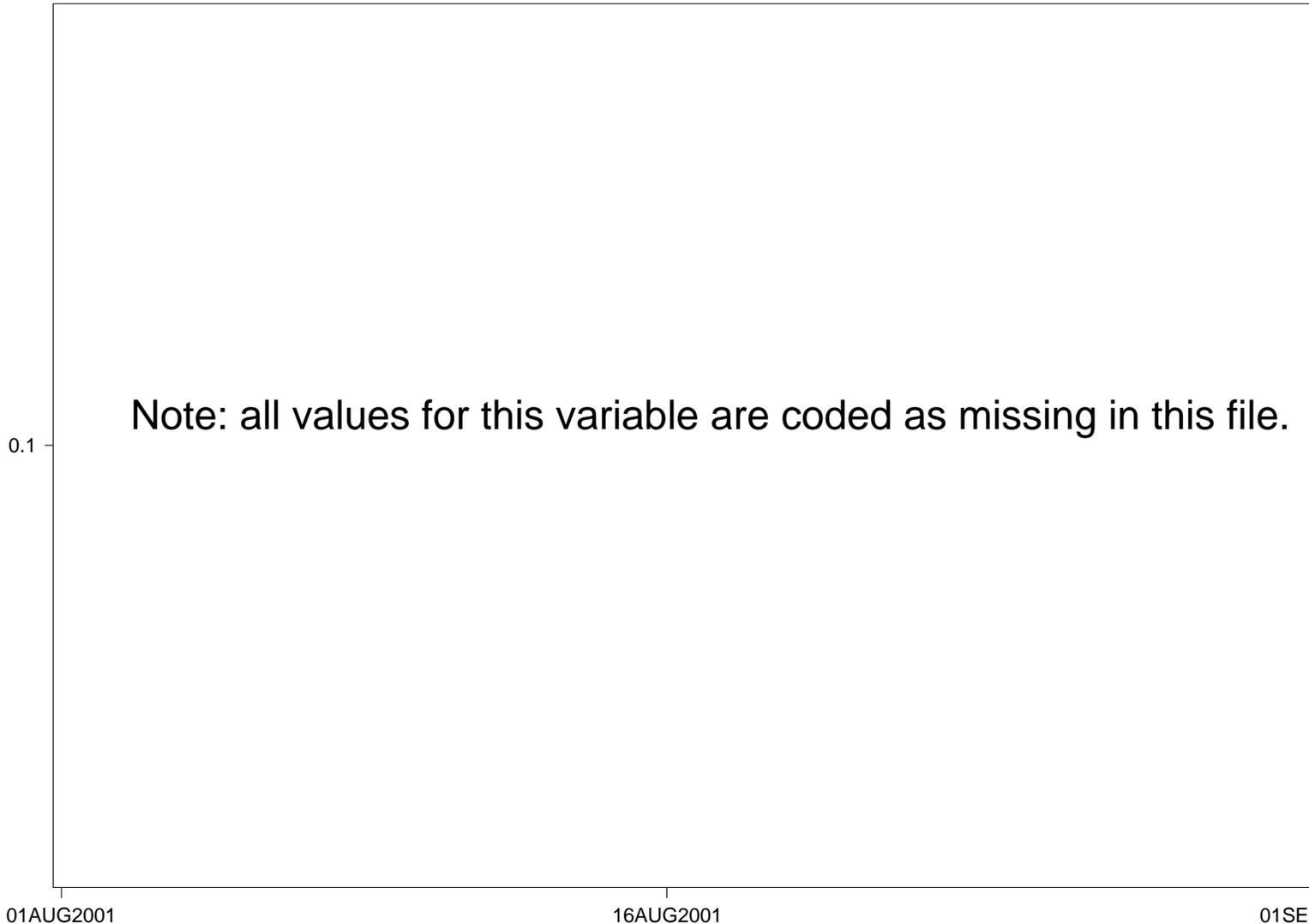
Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

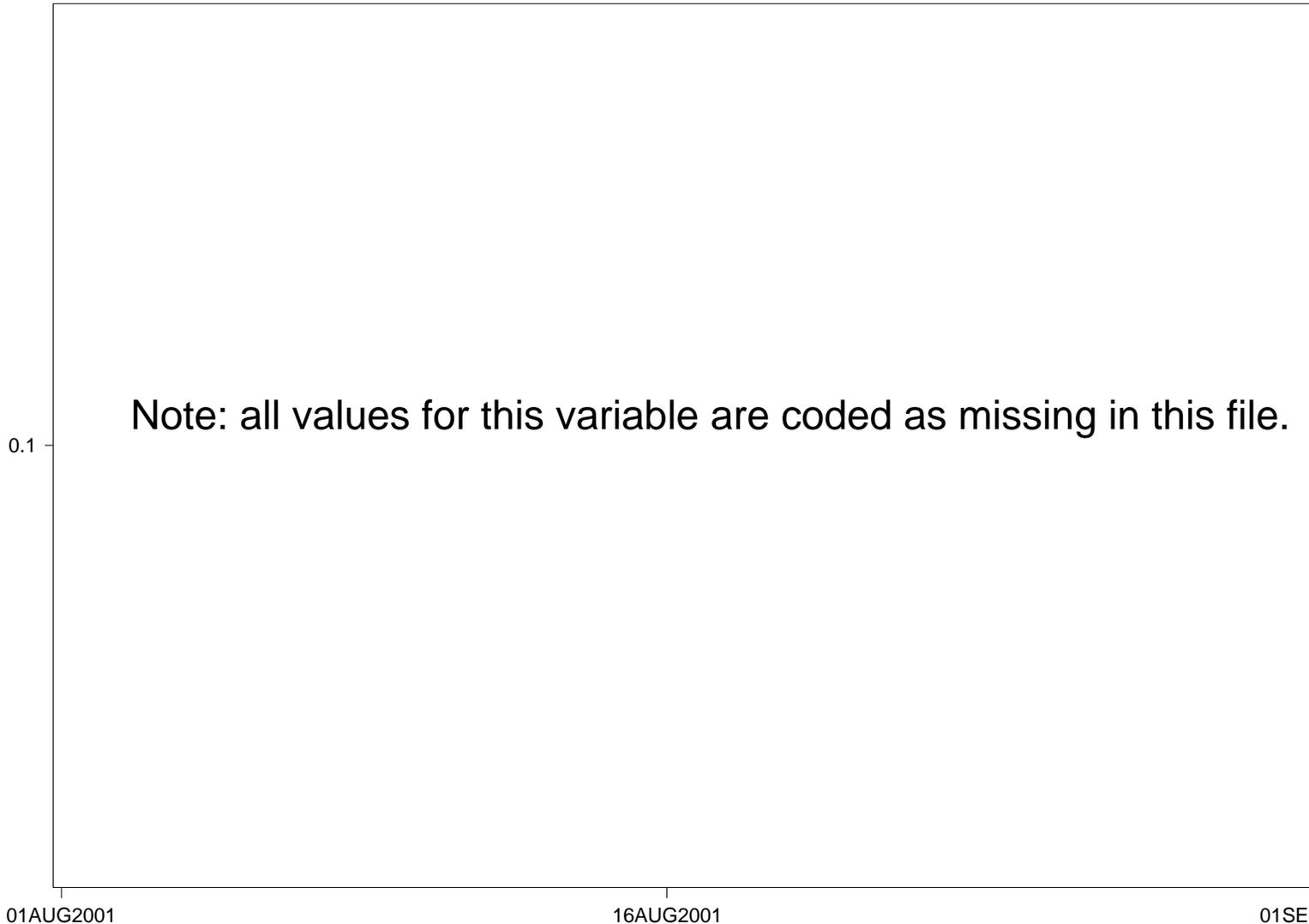
Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

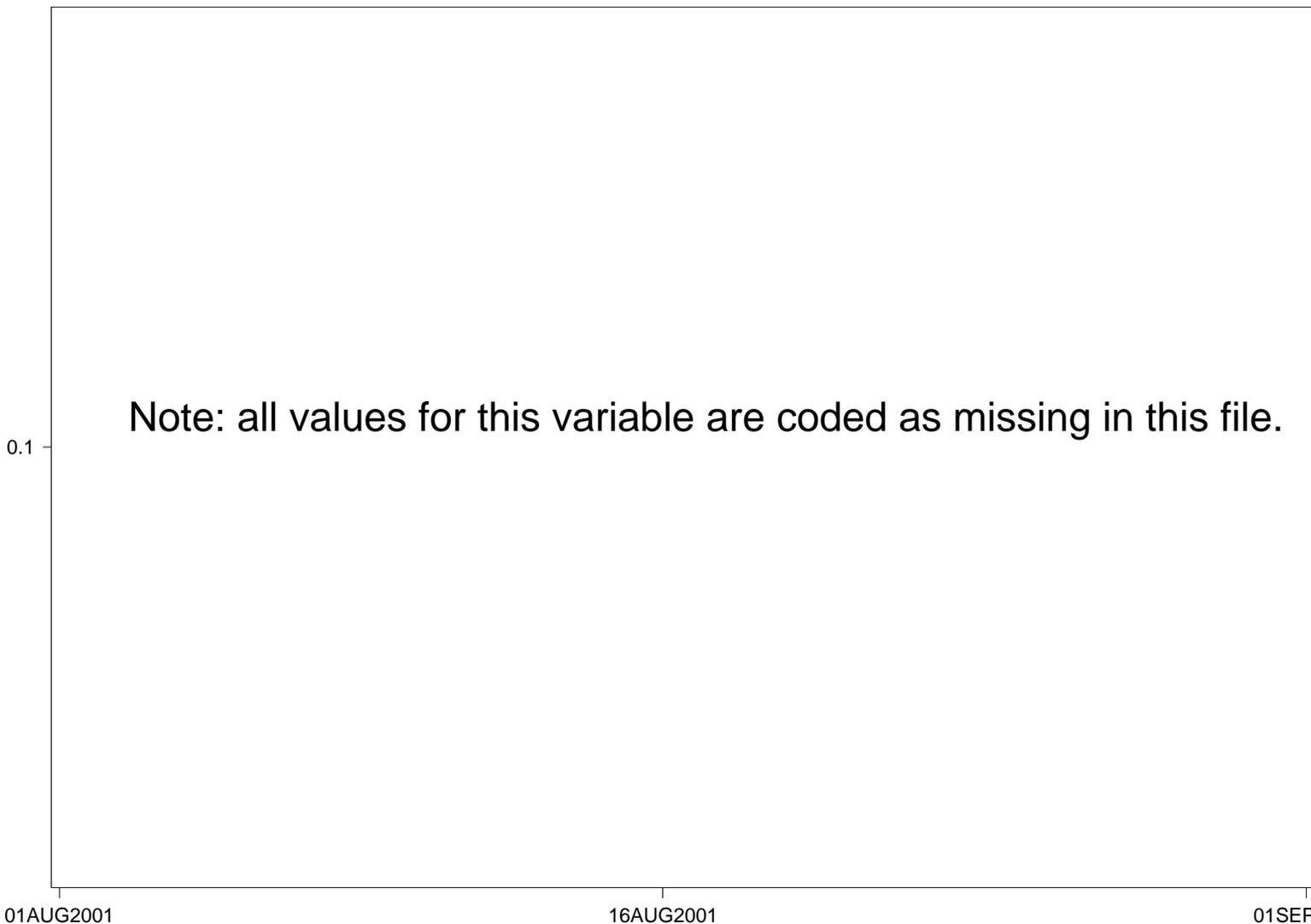
Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

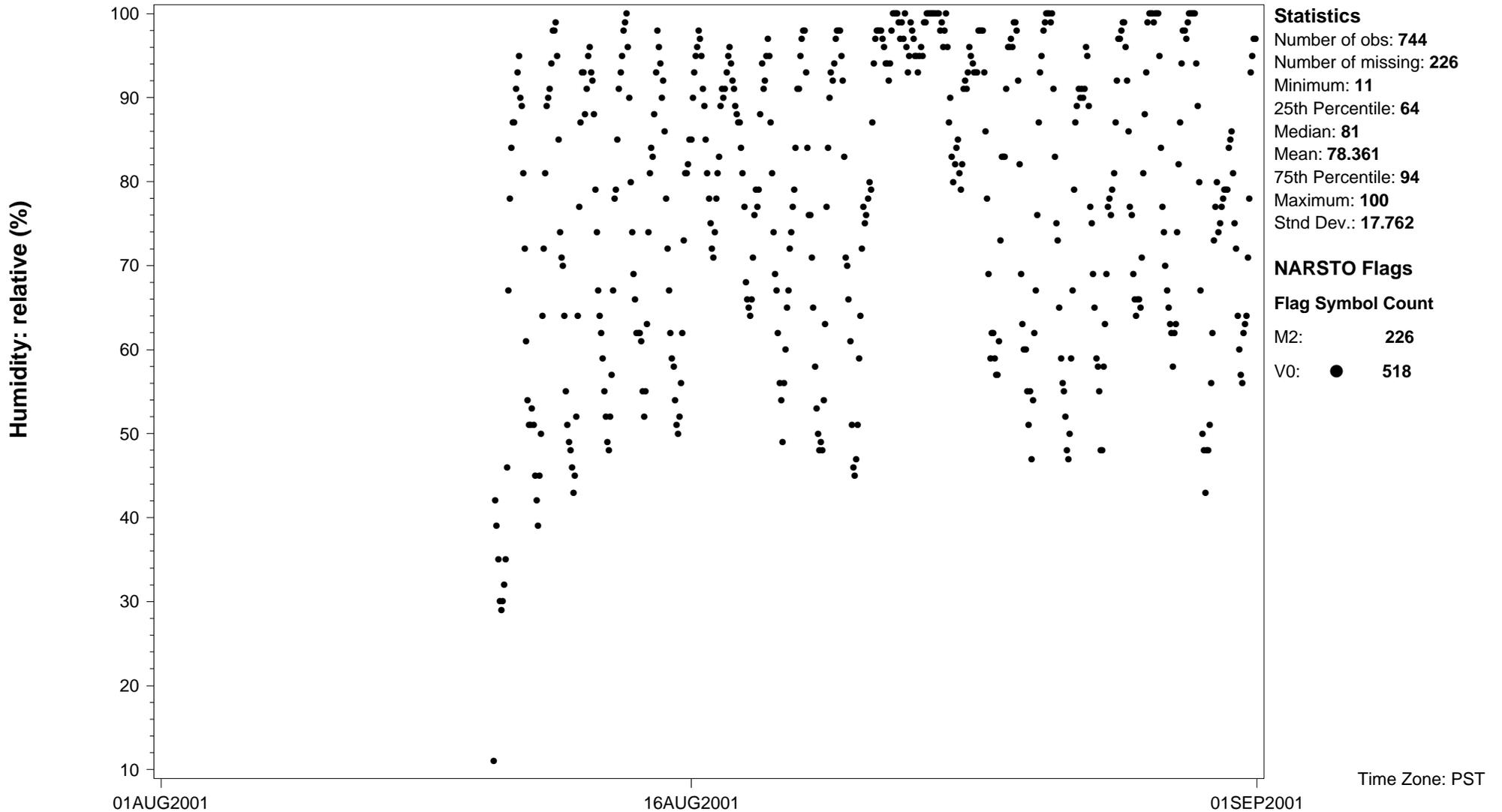
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

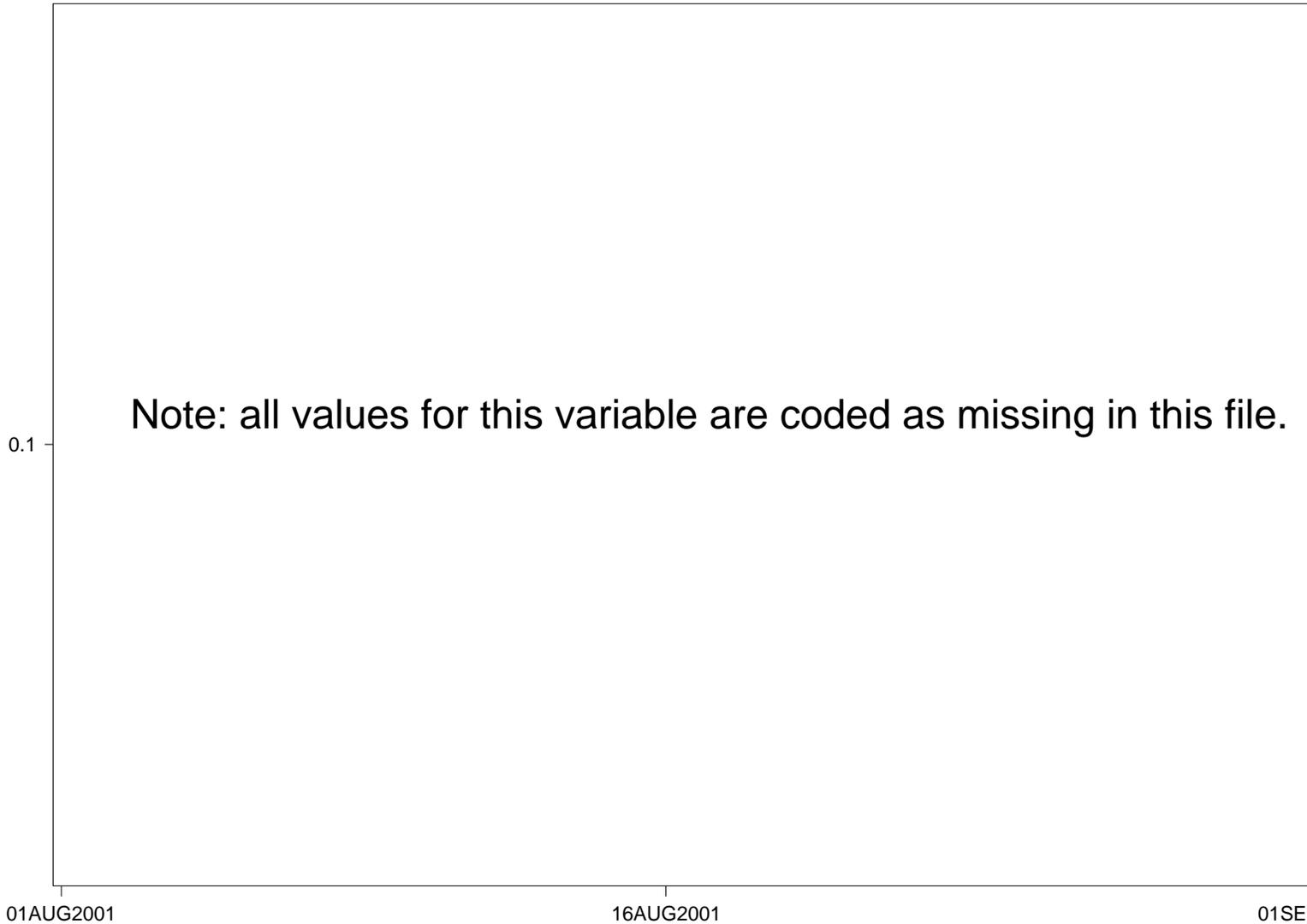
Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT027** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

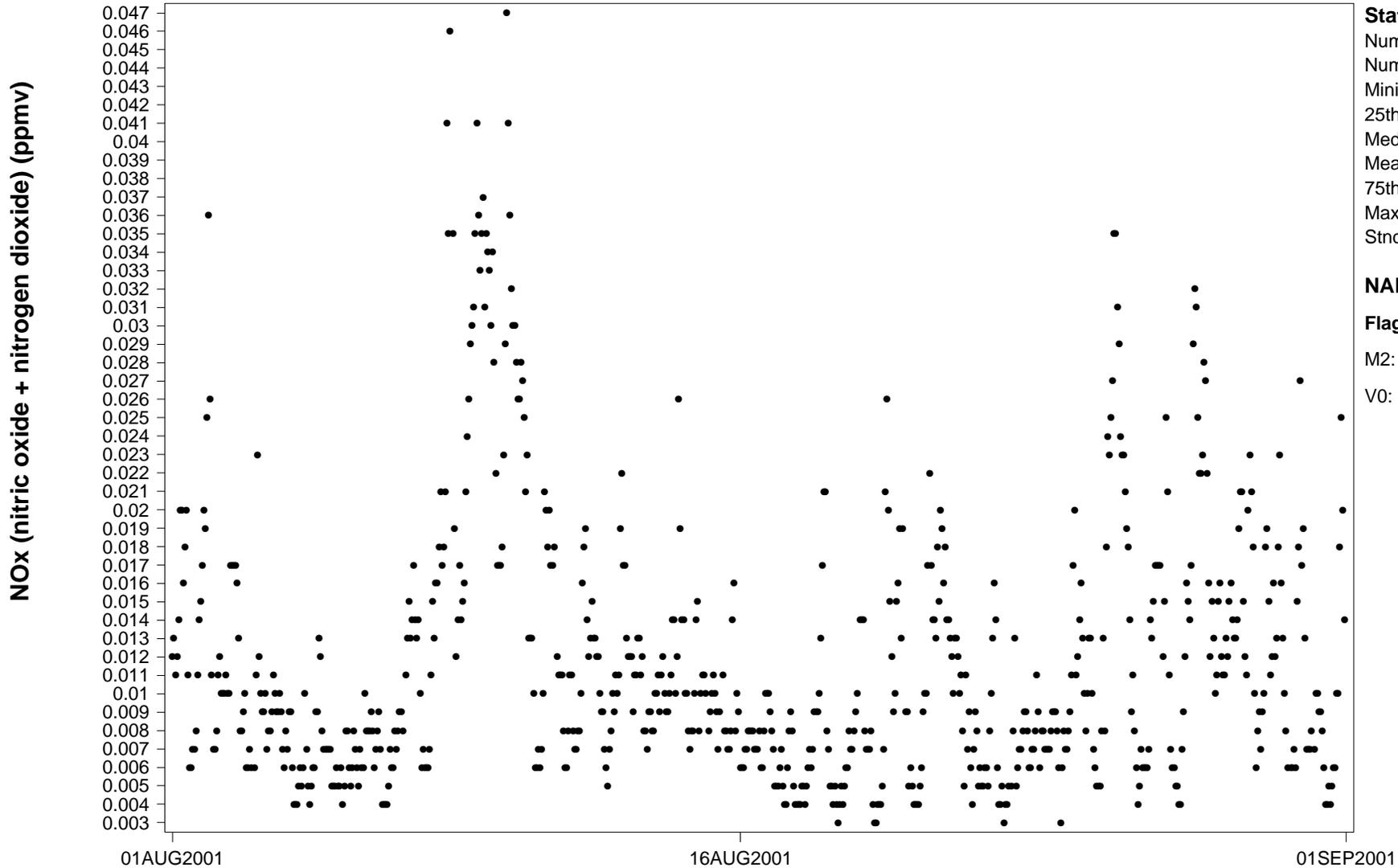
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **12**  
 Minimum: **0.003**  
 25th Percentile: **0.007**  
 Median: **0.01**  
 Mean: **0.012**  
 75th Percentile: **0.015**  
 Maximum: **0.047**  
 Stnd Dev.: **0.007**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **12**  
 V0: ● **732**

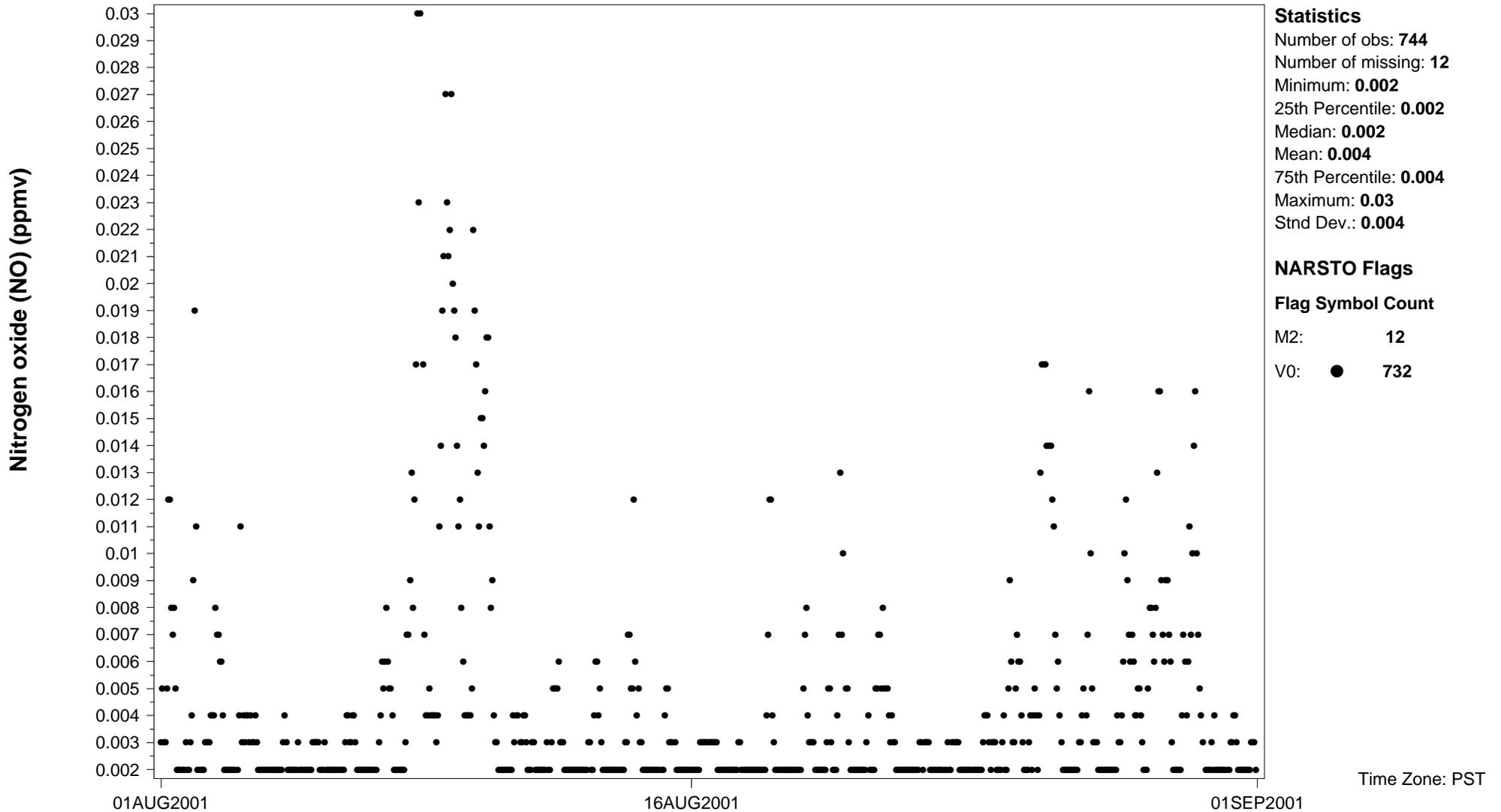
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

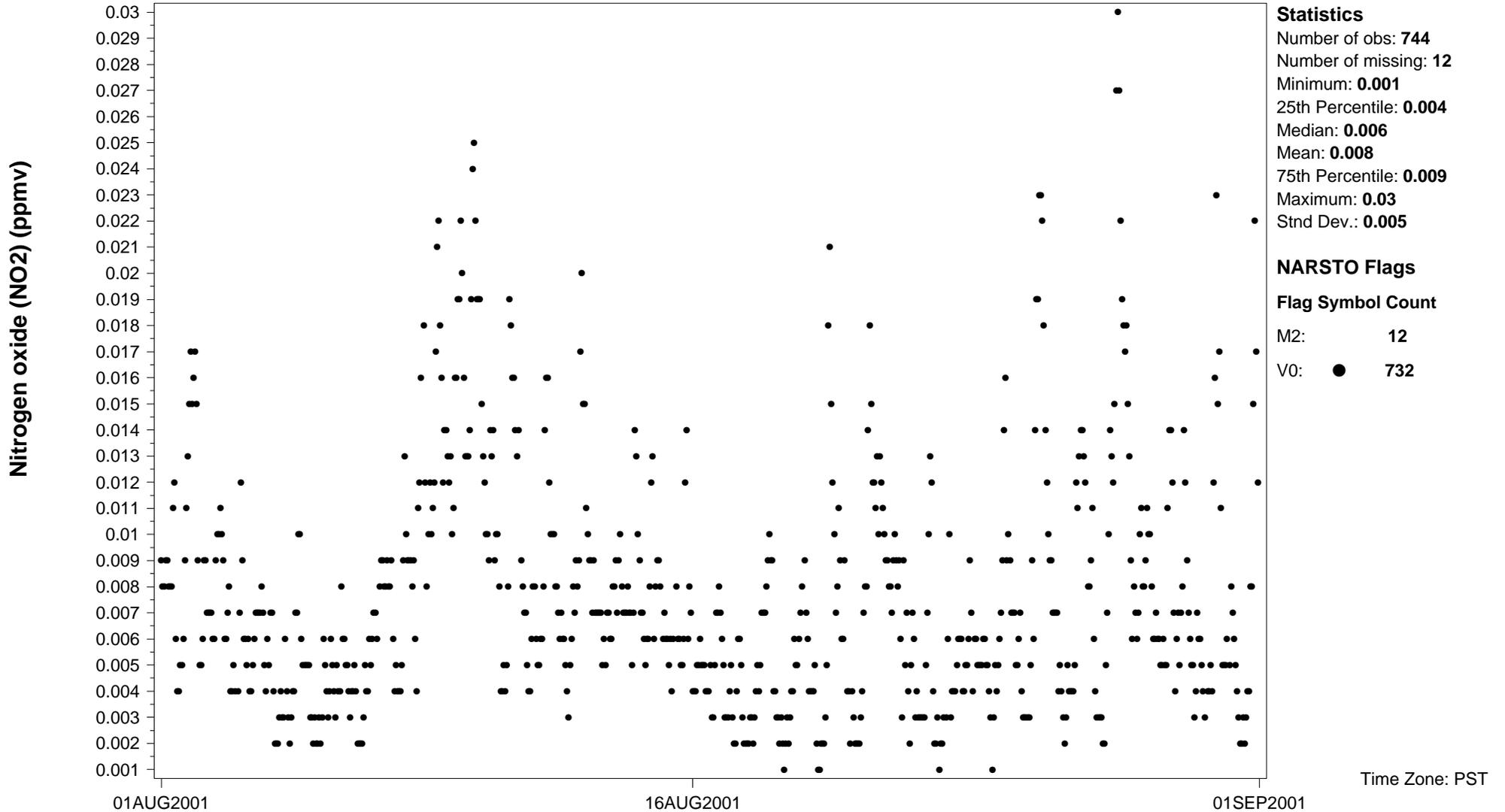


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



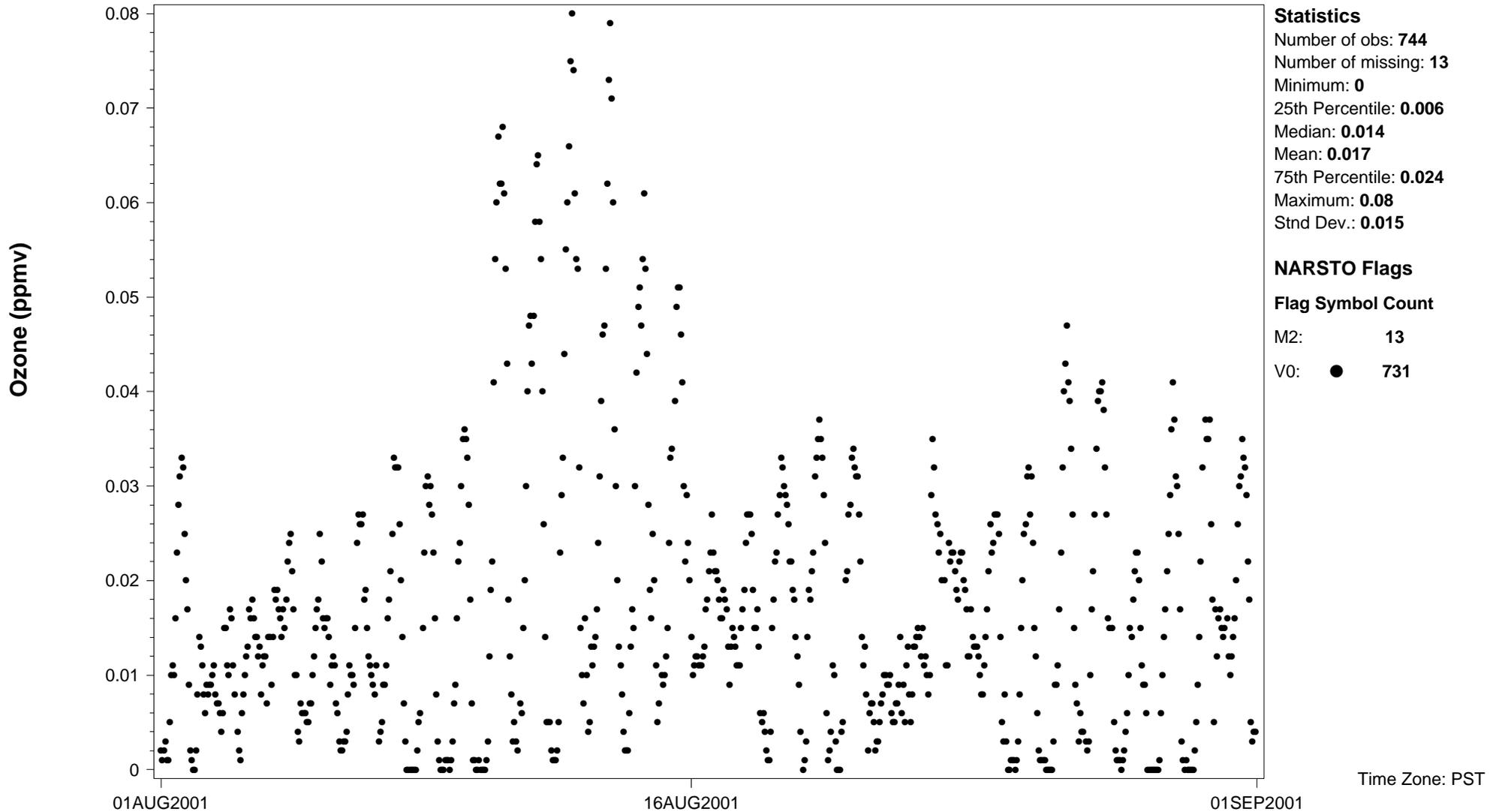
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



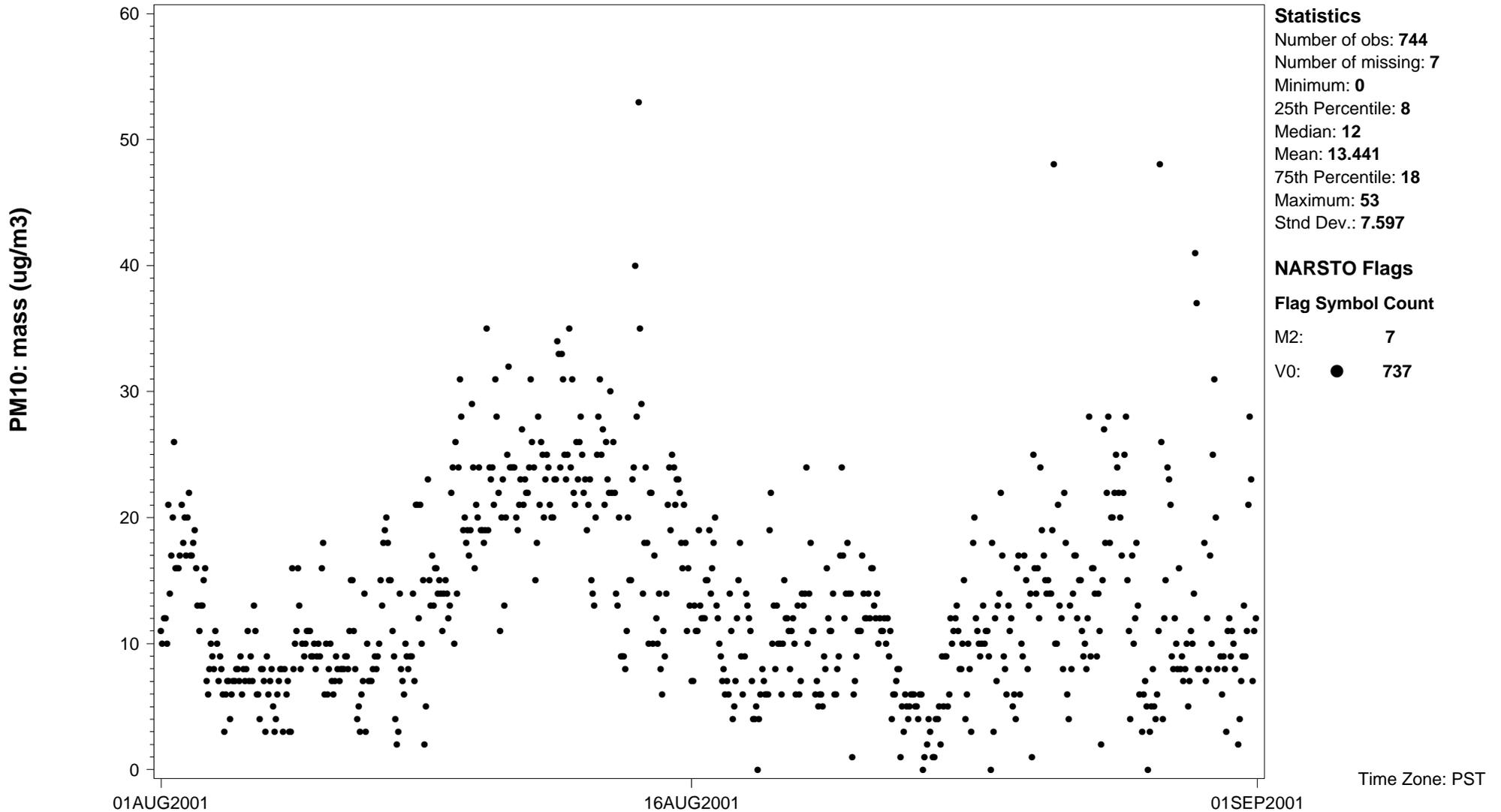
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

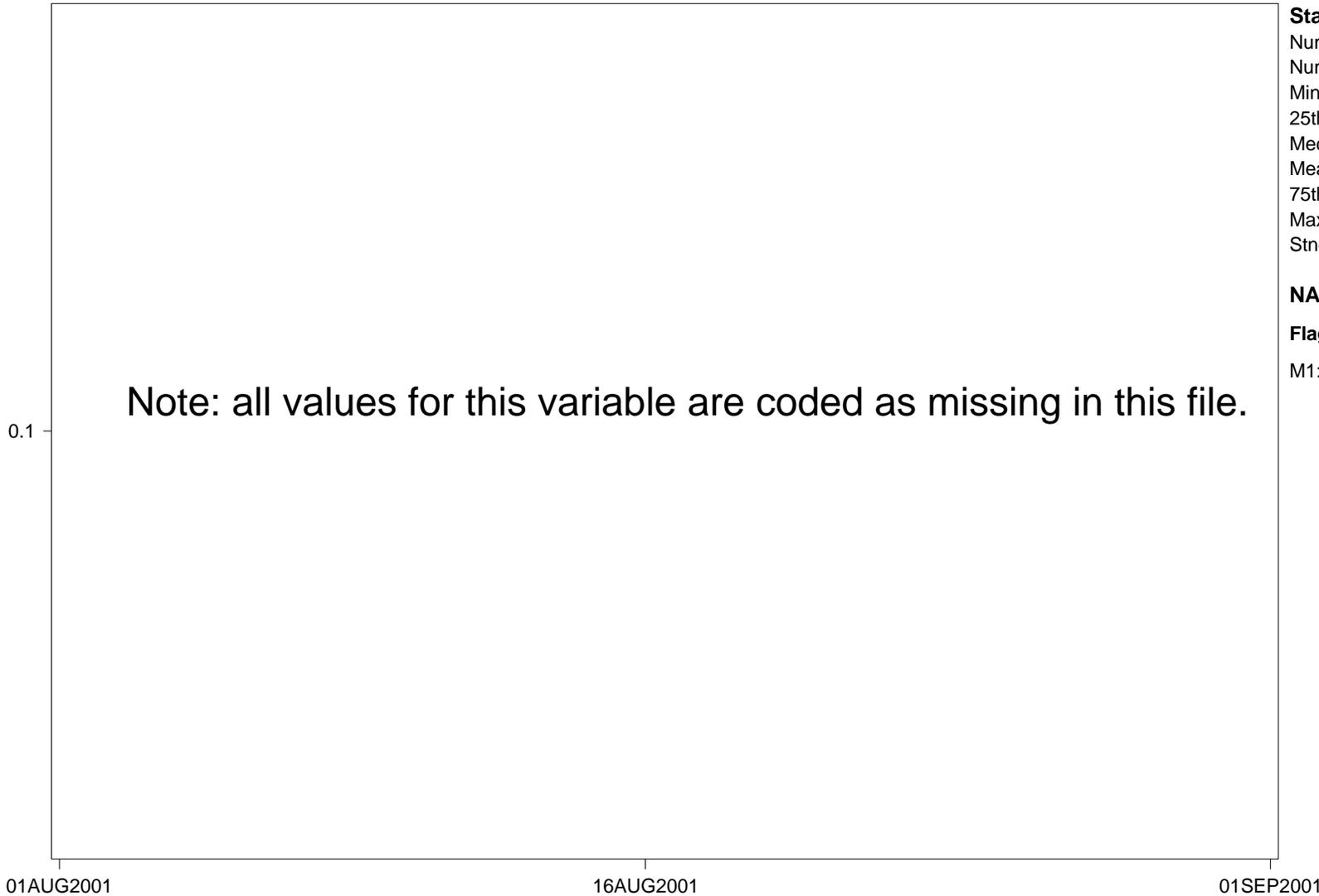


Site ID: **PC01CABCT027** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

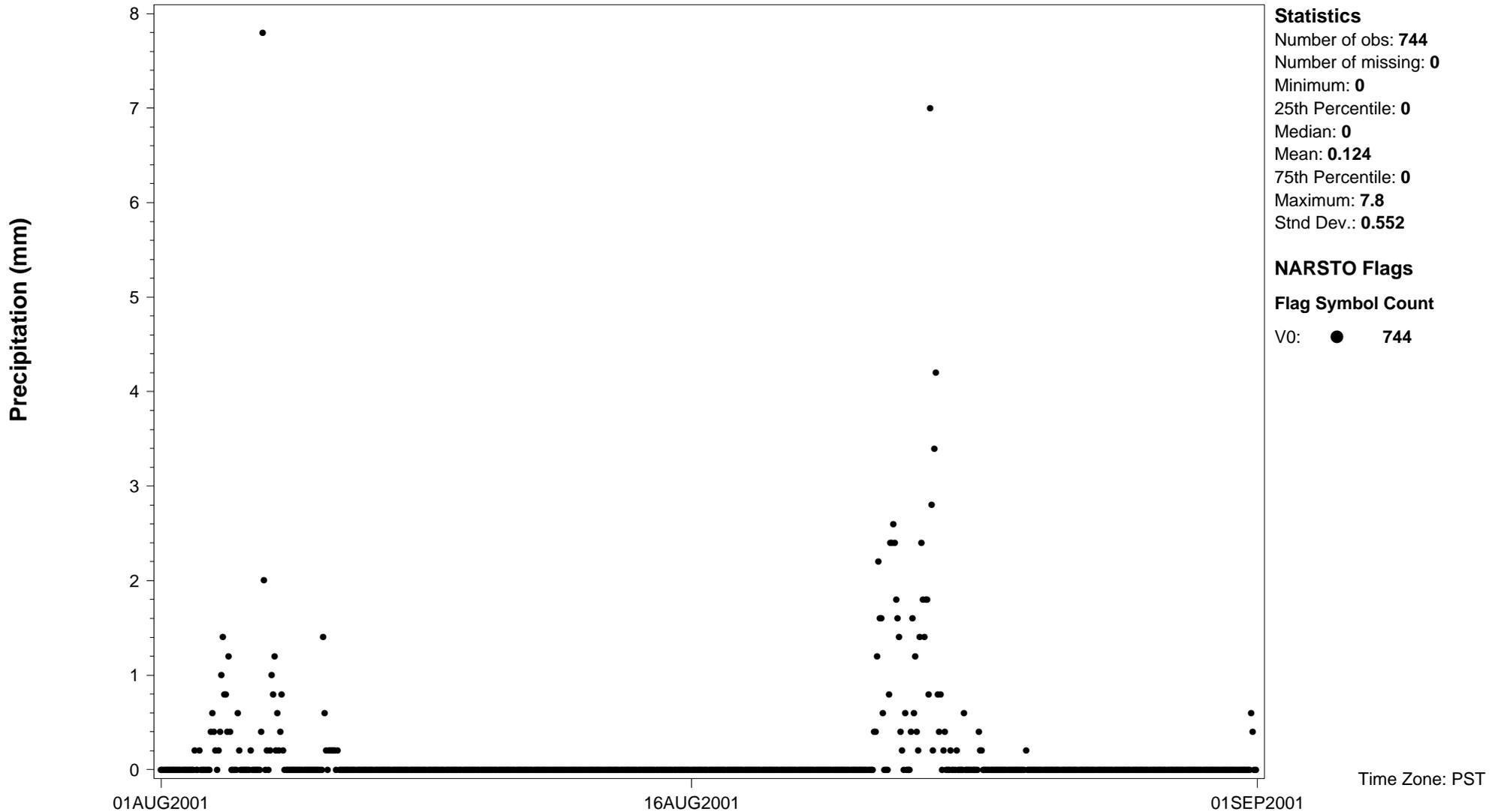
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



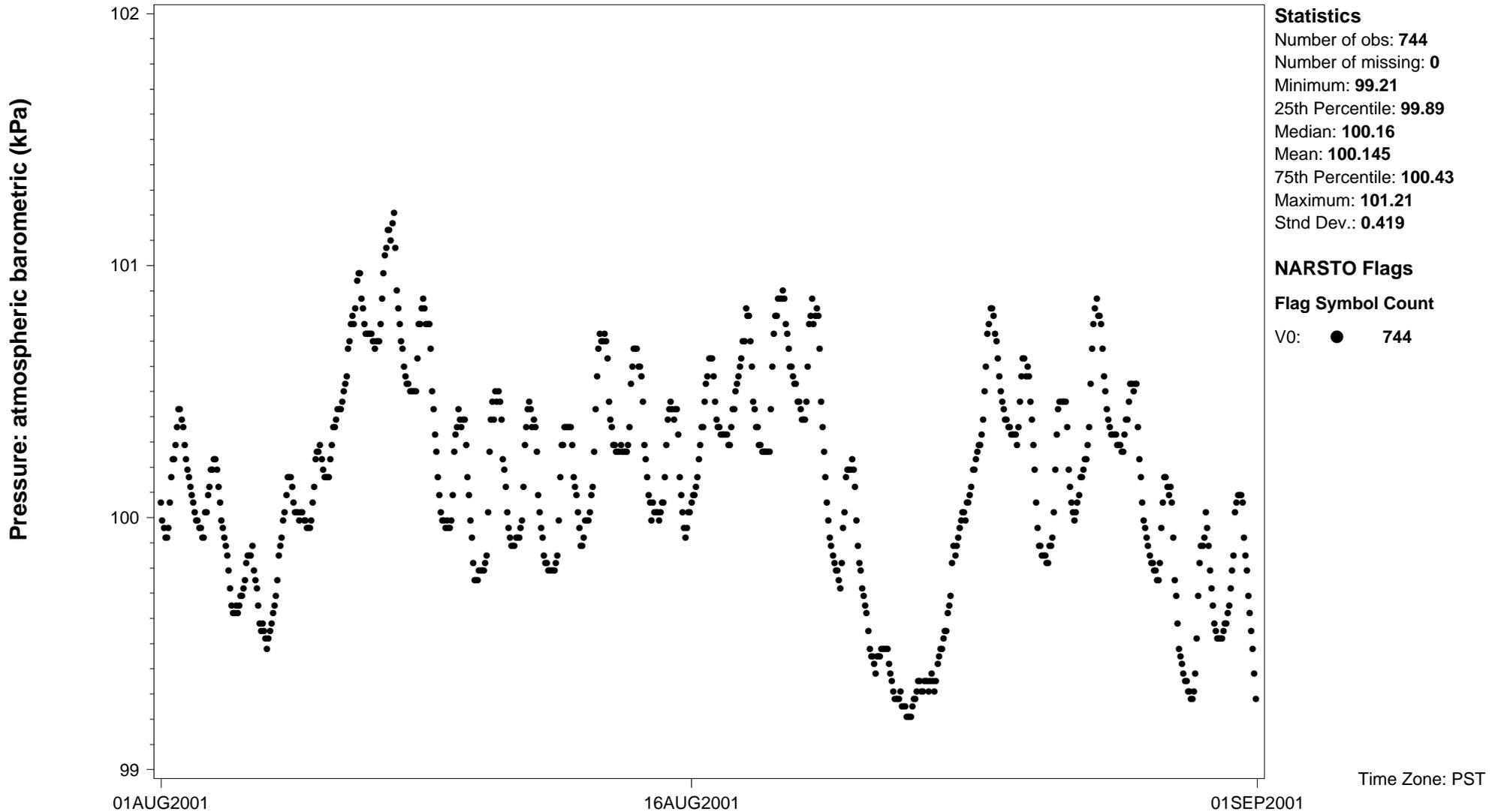
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

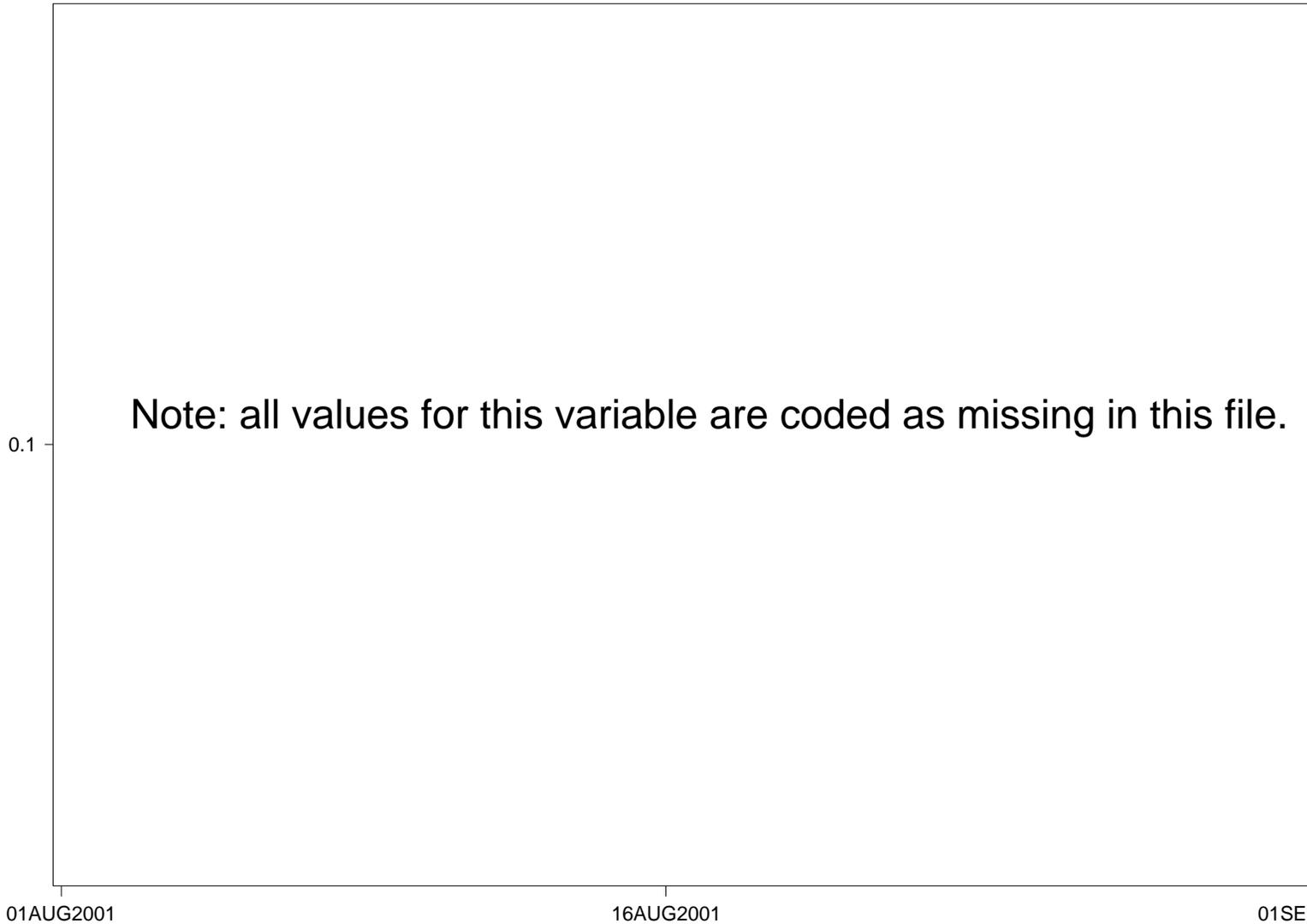
Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT027** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

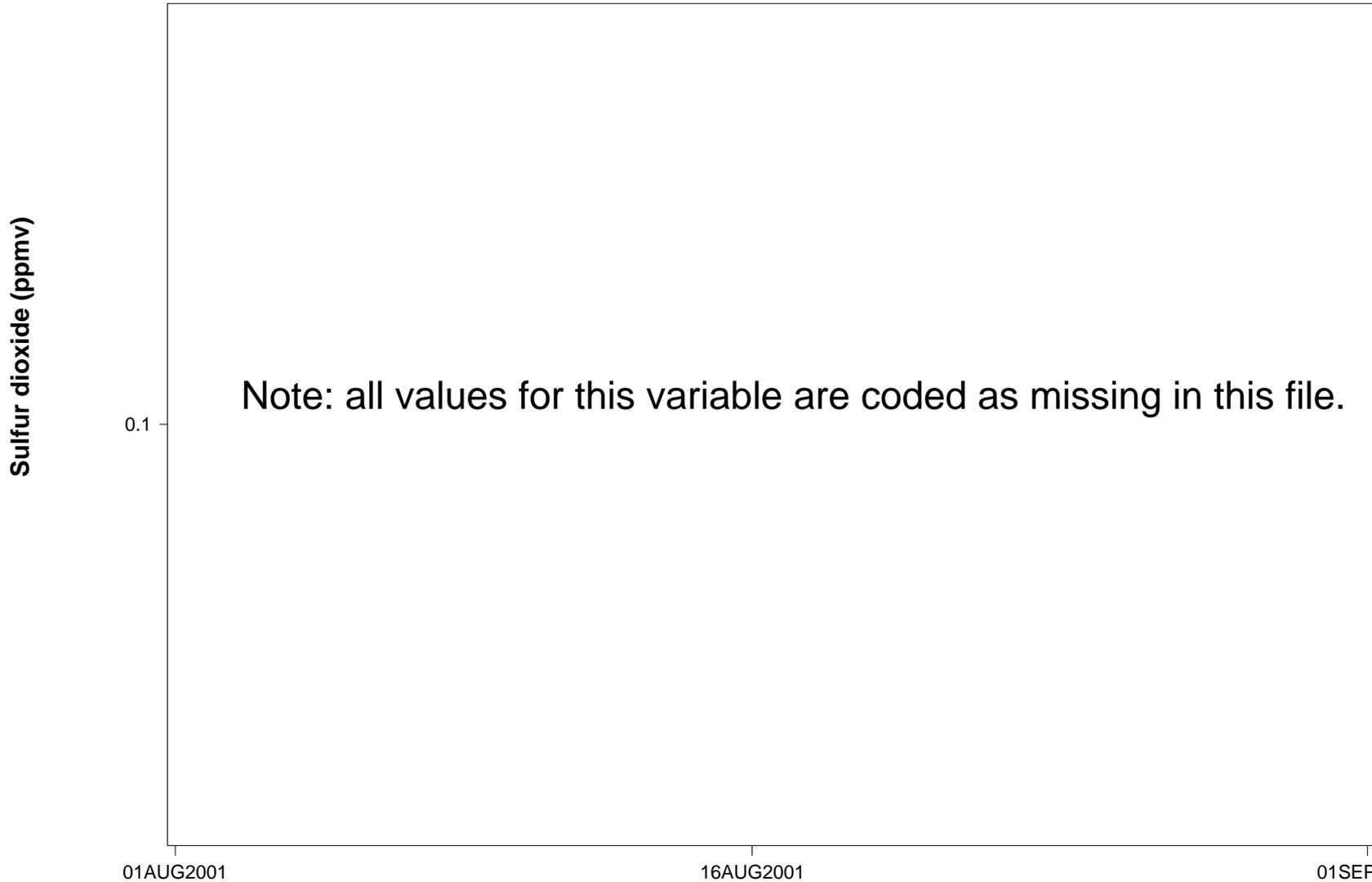
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

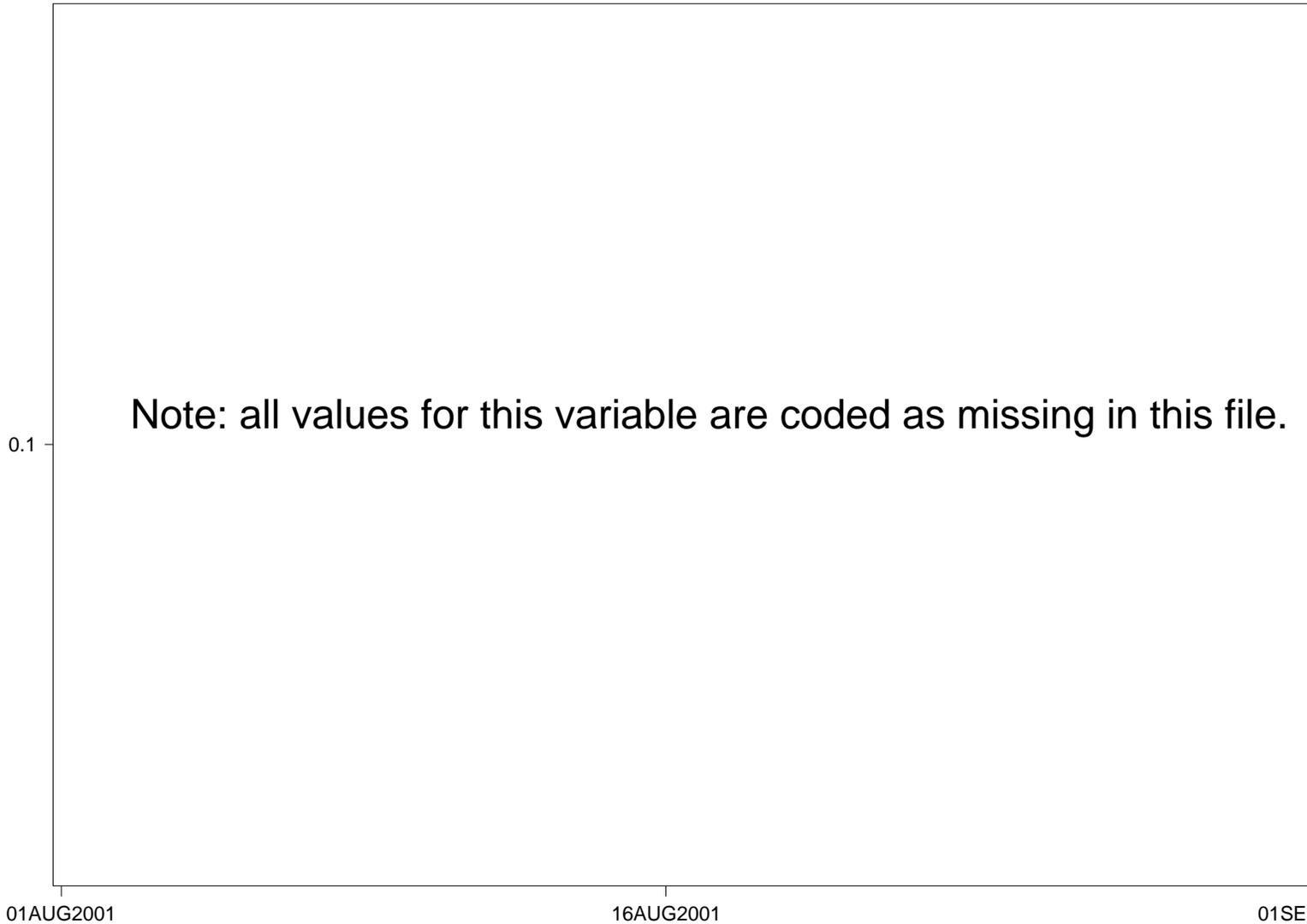
Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

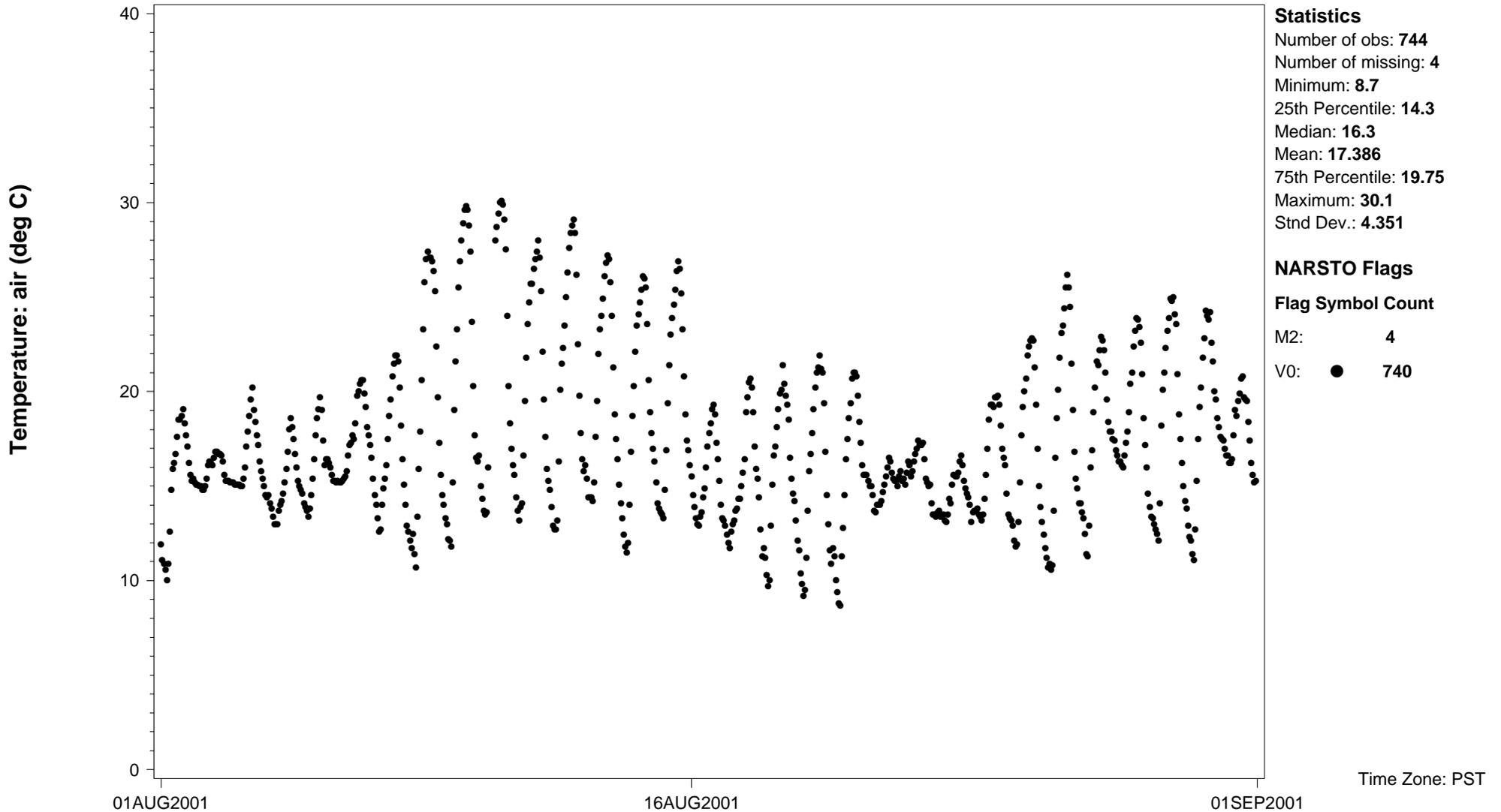
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

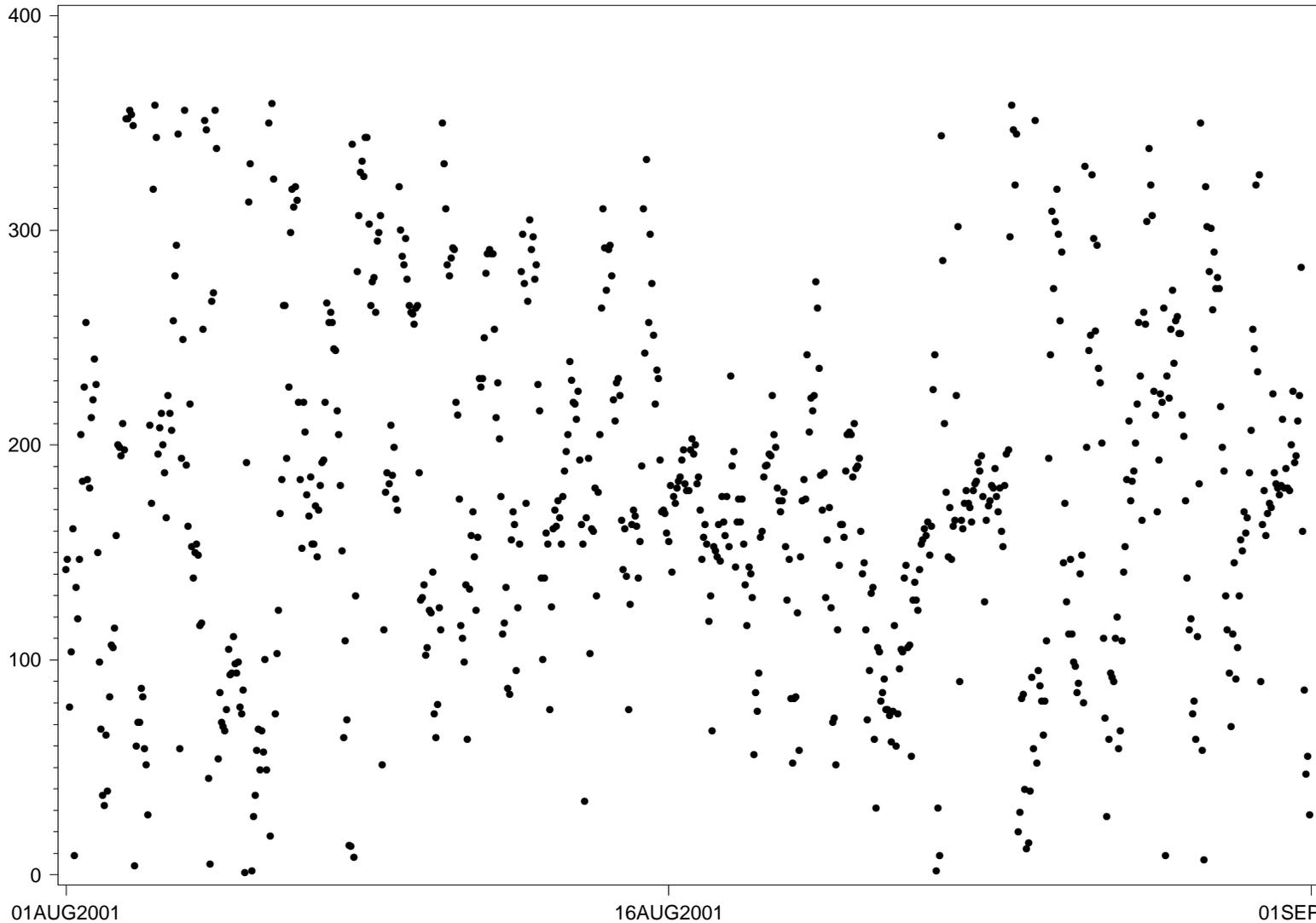


Site ID: **PC01CABCT027** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **121**  
 Median: **174**  
 Mean: **177.427**  
 75th Percentile: **226.5**  
 Maximum: **359**  
 Stnd Dev.: **80.825**

**NARSTO Flags**

Flag Symbol Count  
 V0: ● **744**

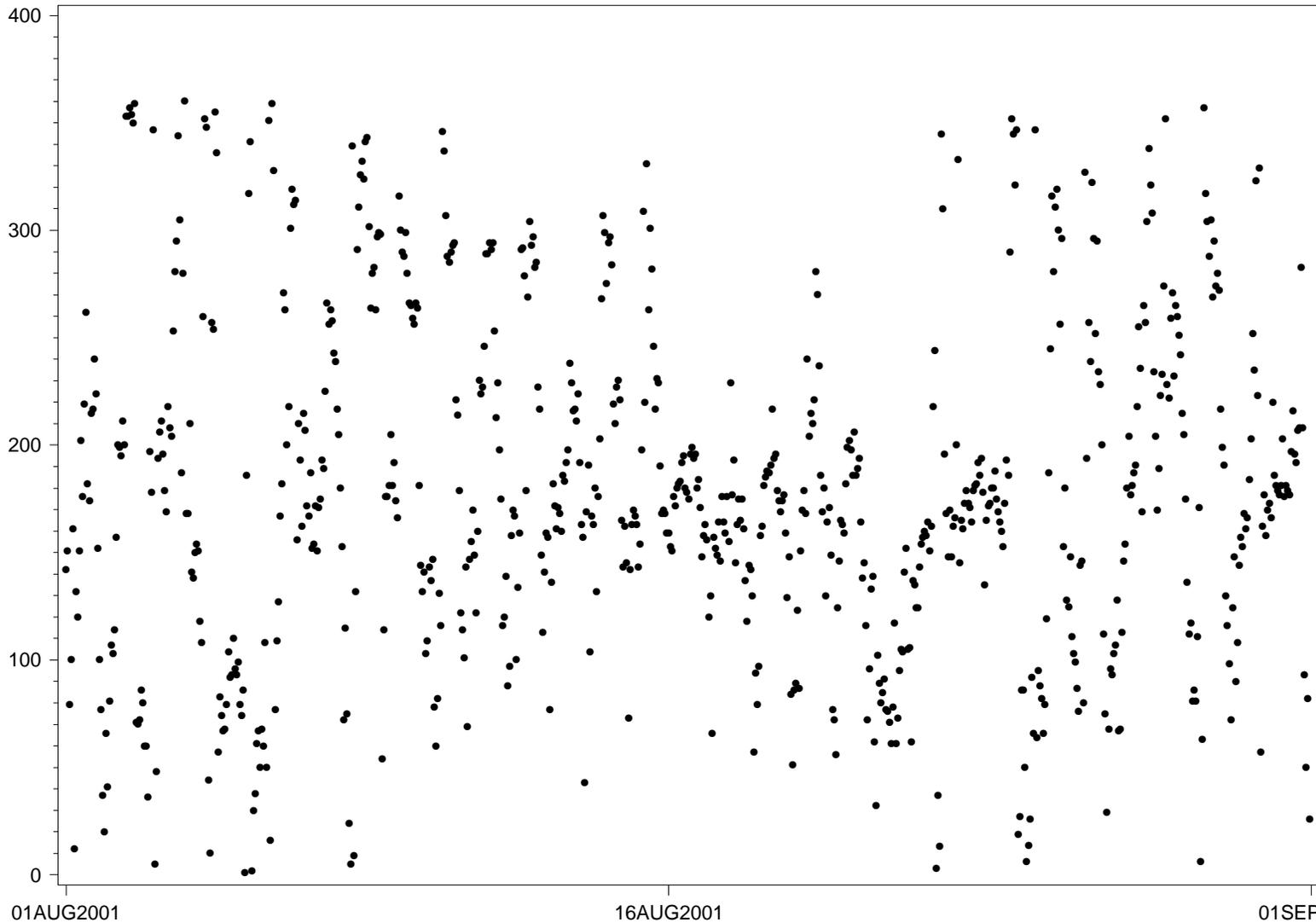
Time Zone: PST

Site ID: **PC01CABCT027** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **124.5**  
 Median: **173**  
 Mean: **178.266**  
 75th Percentile: **223.5**  
 Maximum: **360**  
 Stnd Dev.: **80.135**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

Time Zone: PST

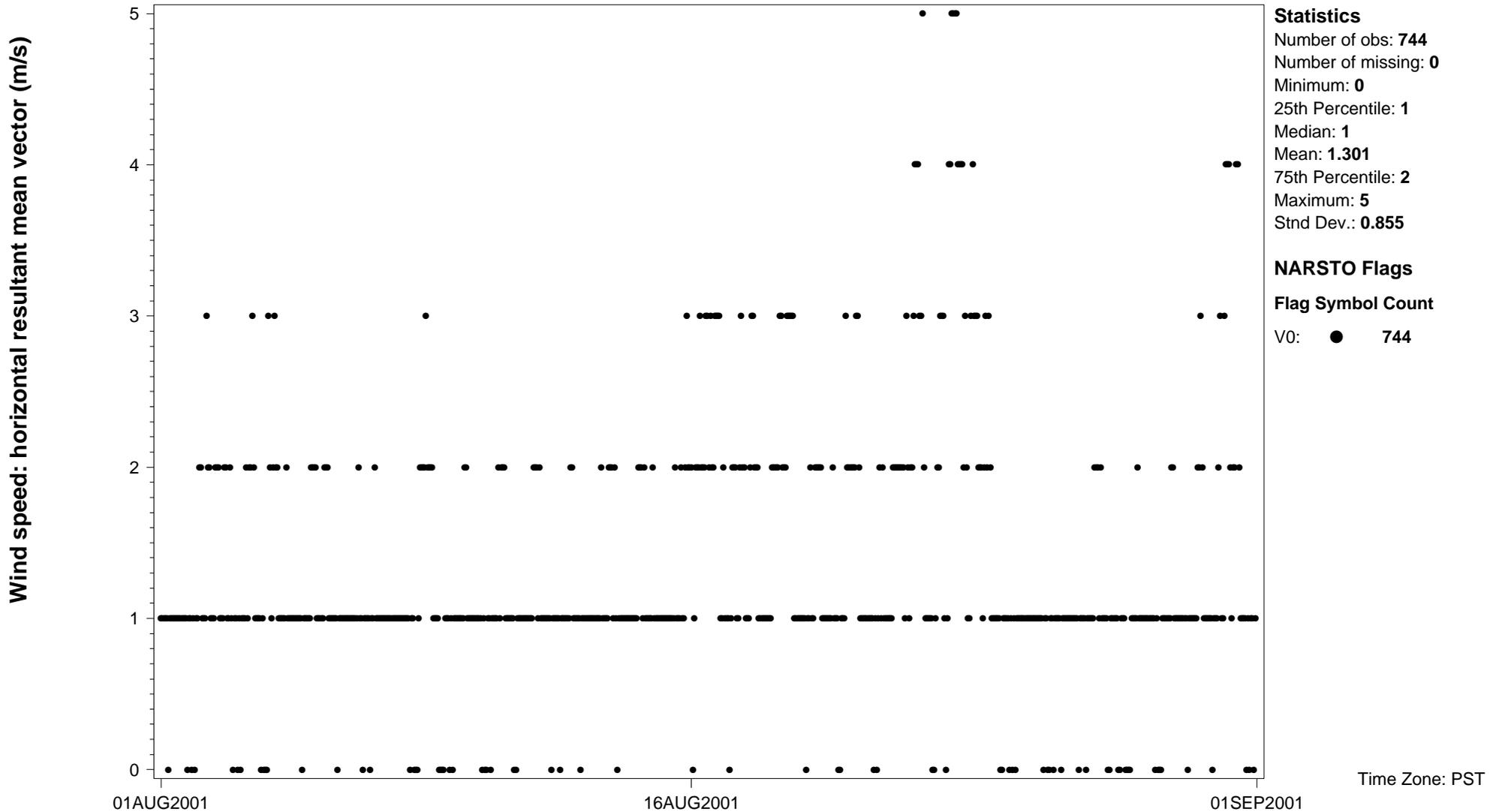
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

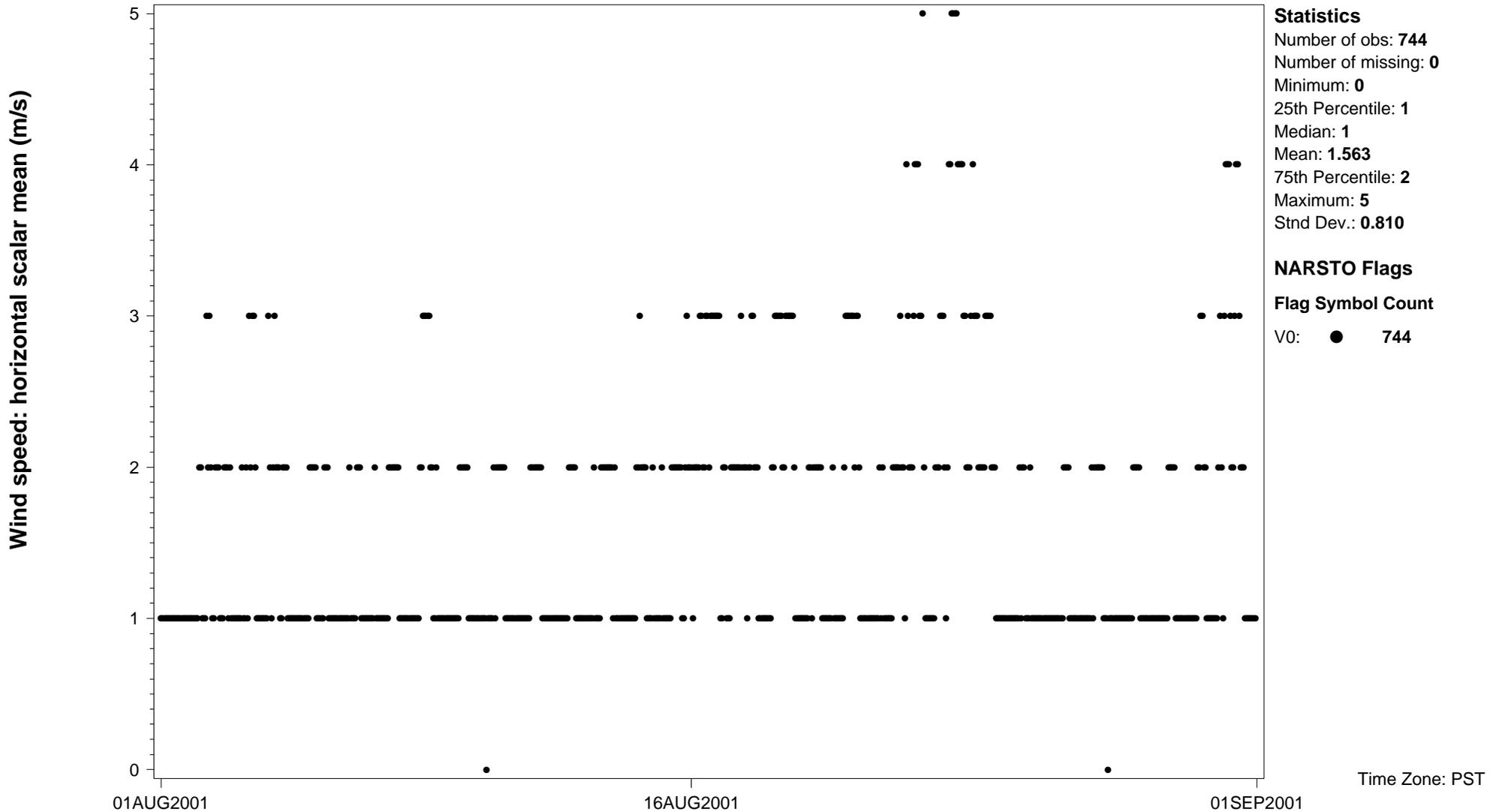


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT027** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **LANGLEY CENTRAL - 23752 52ND AVENUE - LANGLEY, British Columbia** Latitude: **49.09611111 deg.** Longitude: **-122.5663889 deg.** Start Date: **9999-12-31**

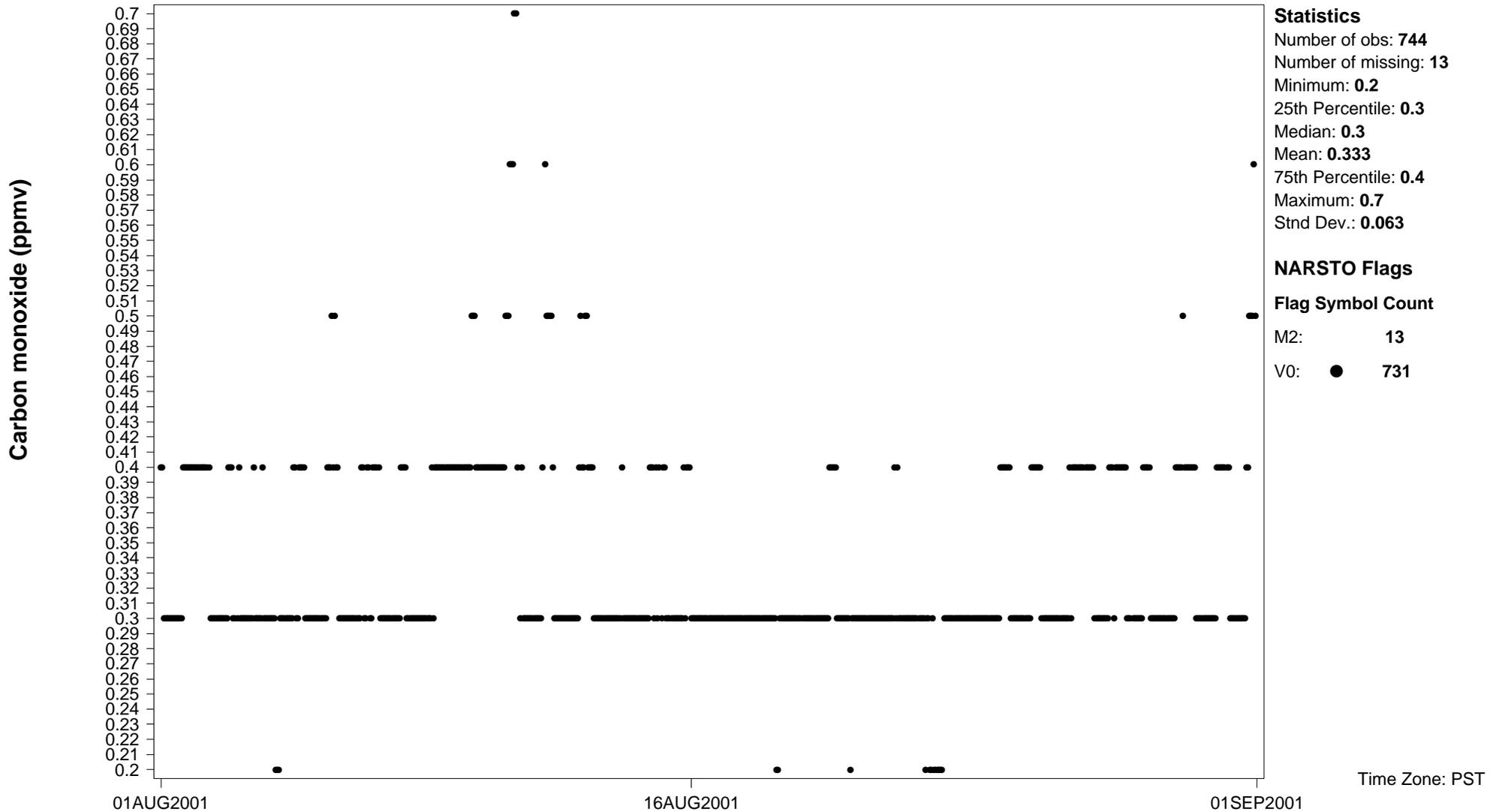


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

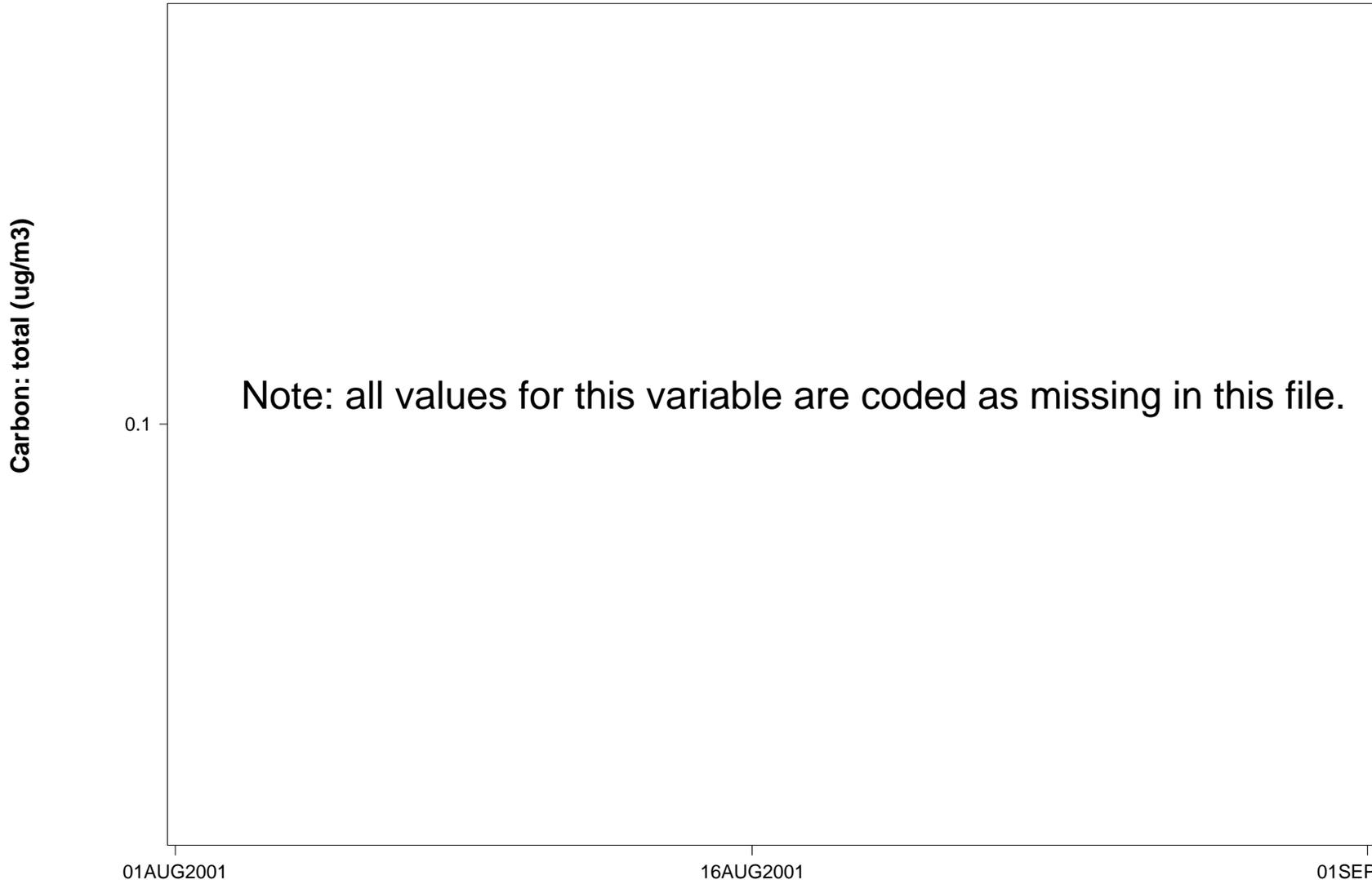
Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



Site ID: **PC01CABCT029** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

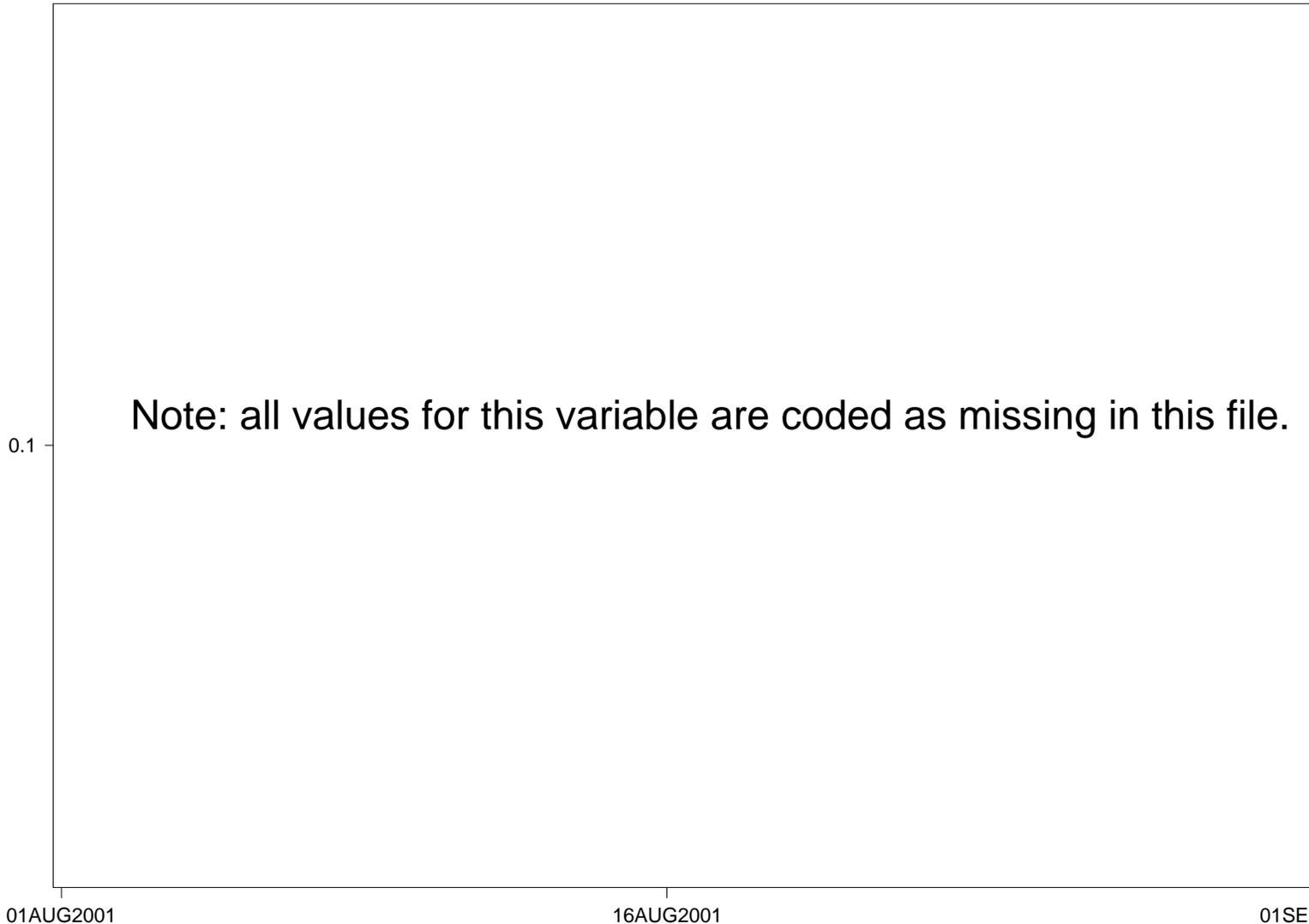
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

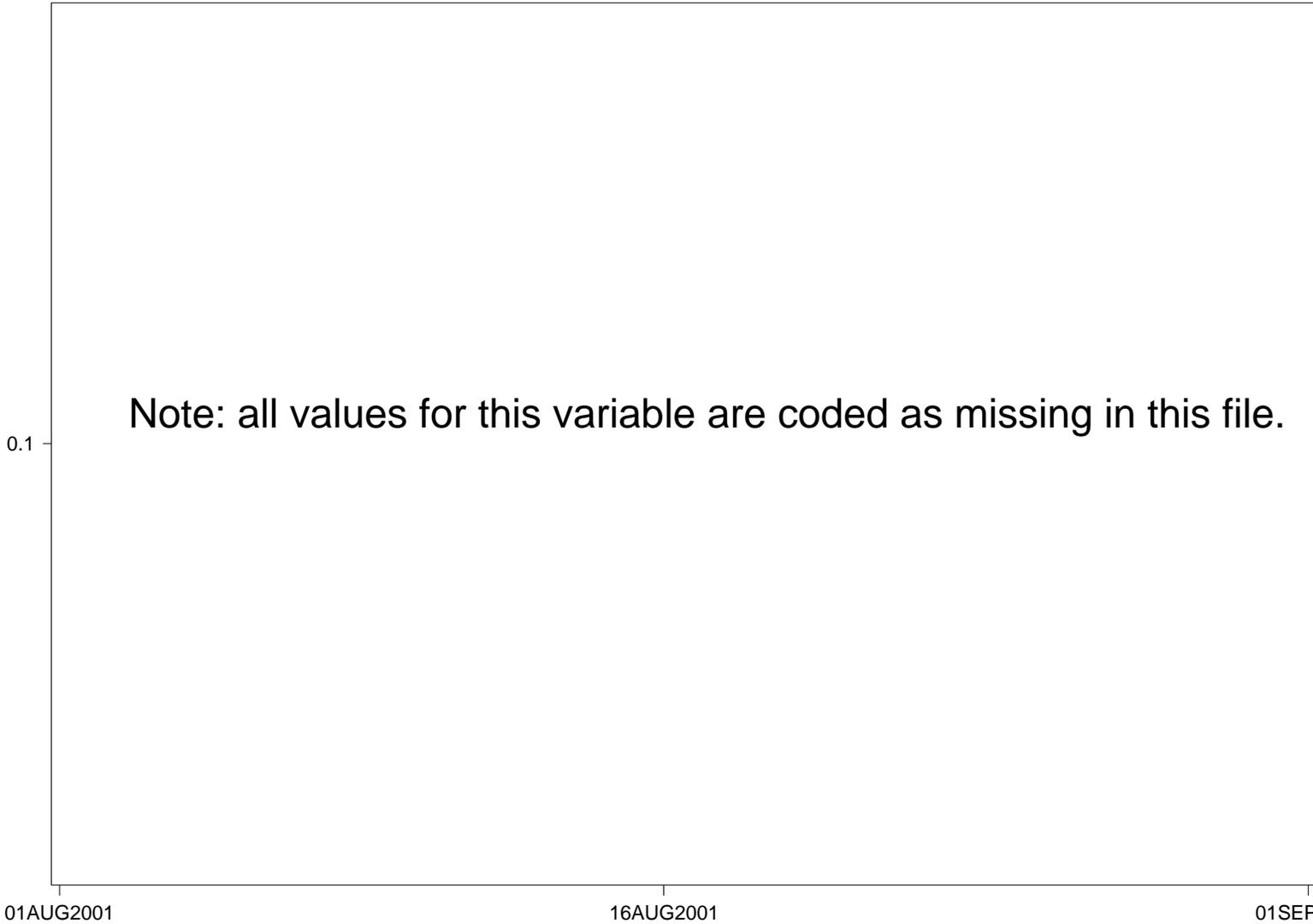
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude: **49.36972222 deg.** Longitude: **-121.4994444 deg.** Start Date: **9999-12-31**

Carbon: total organic (ug/m3)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

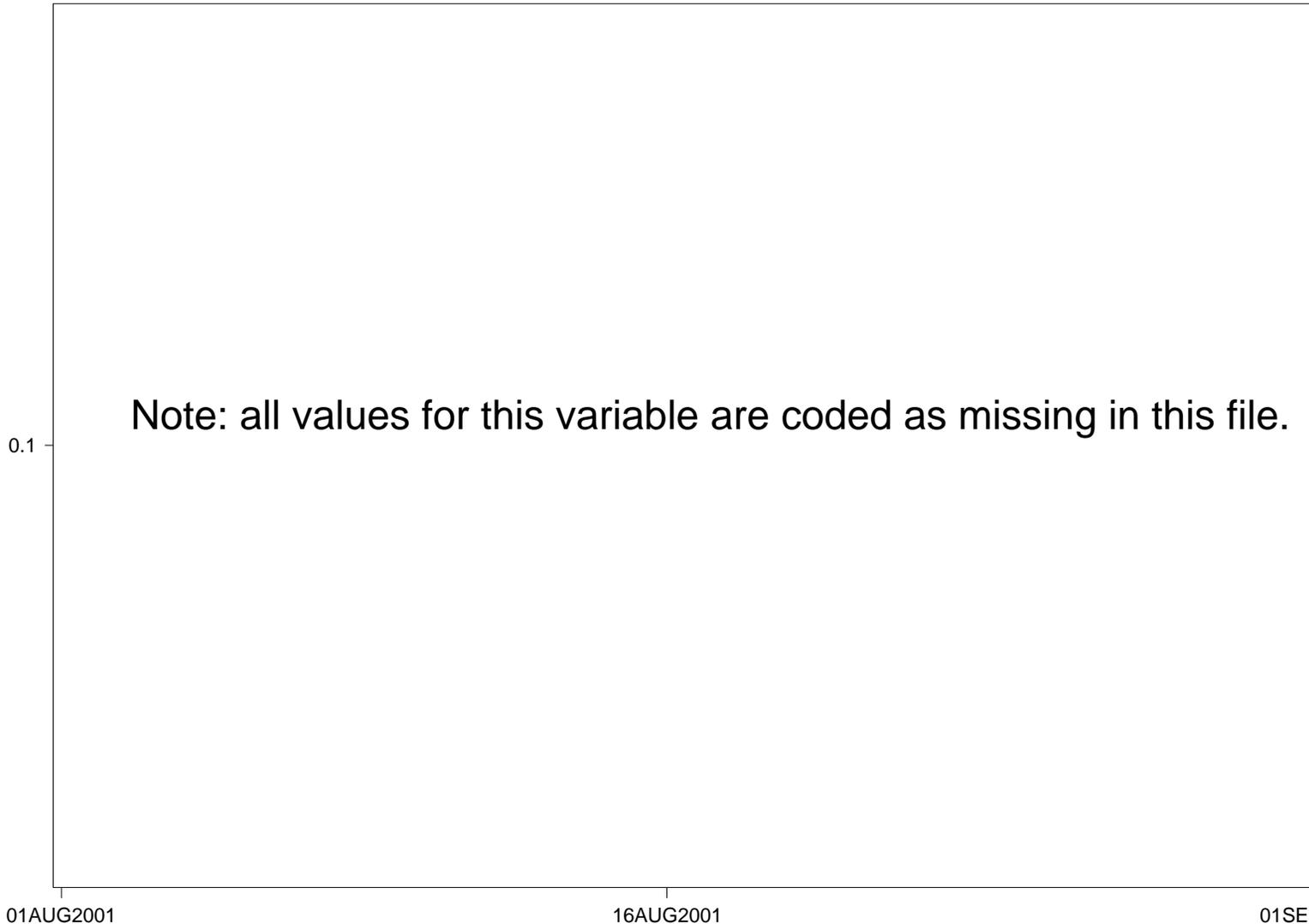
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude: **49.36972222 deg.** Longitude: **-121.4994444 deg.** Start Date: **9999-12-31**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

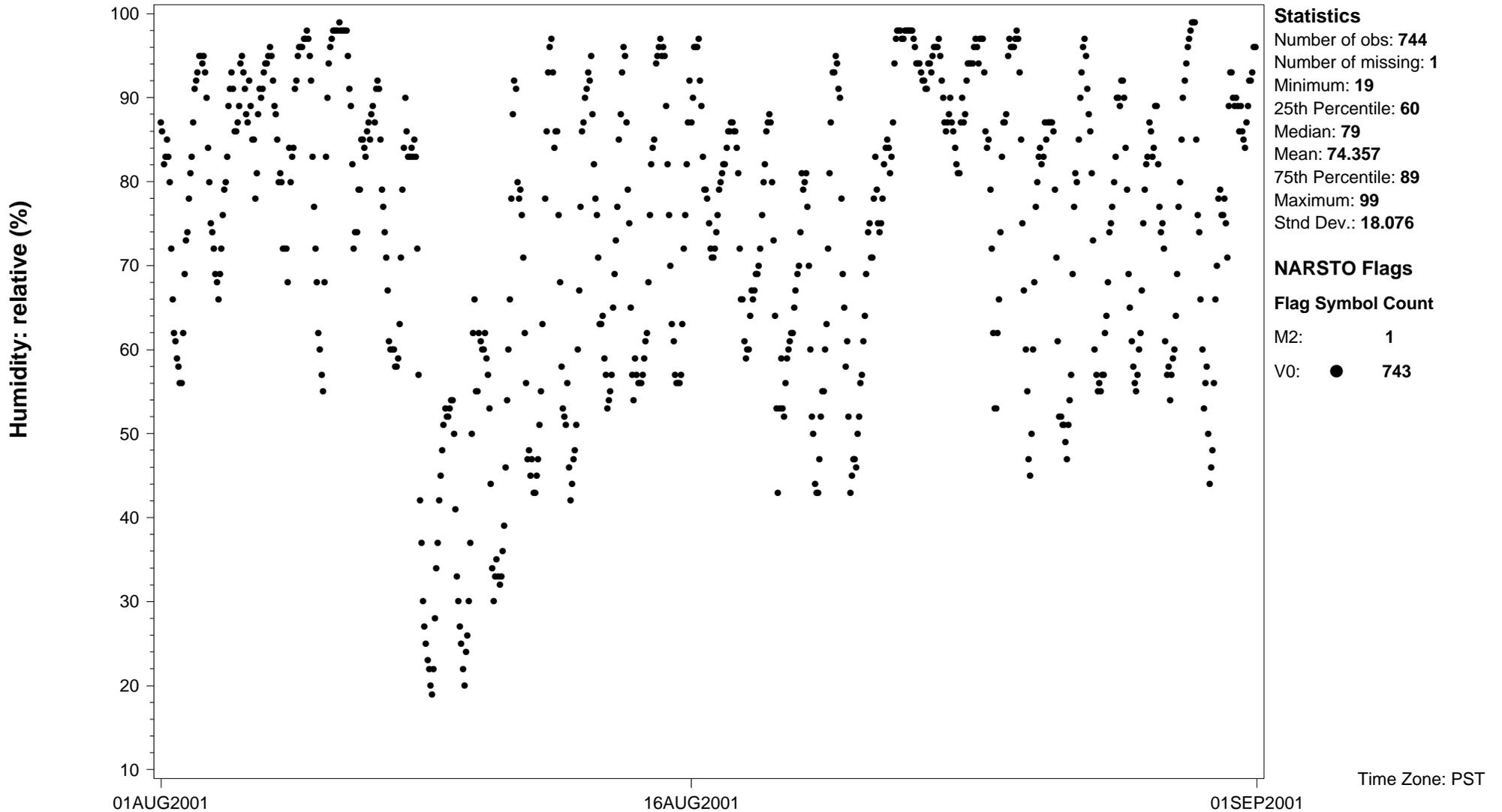
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

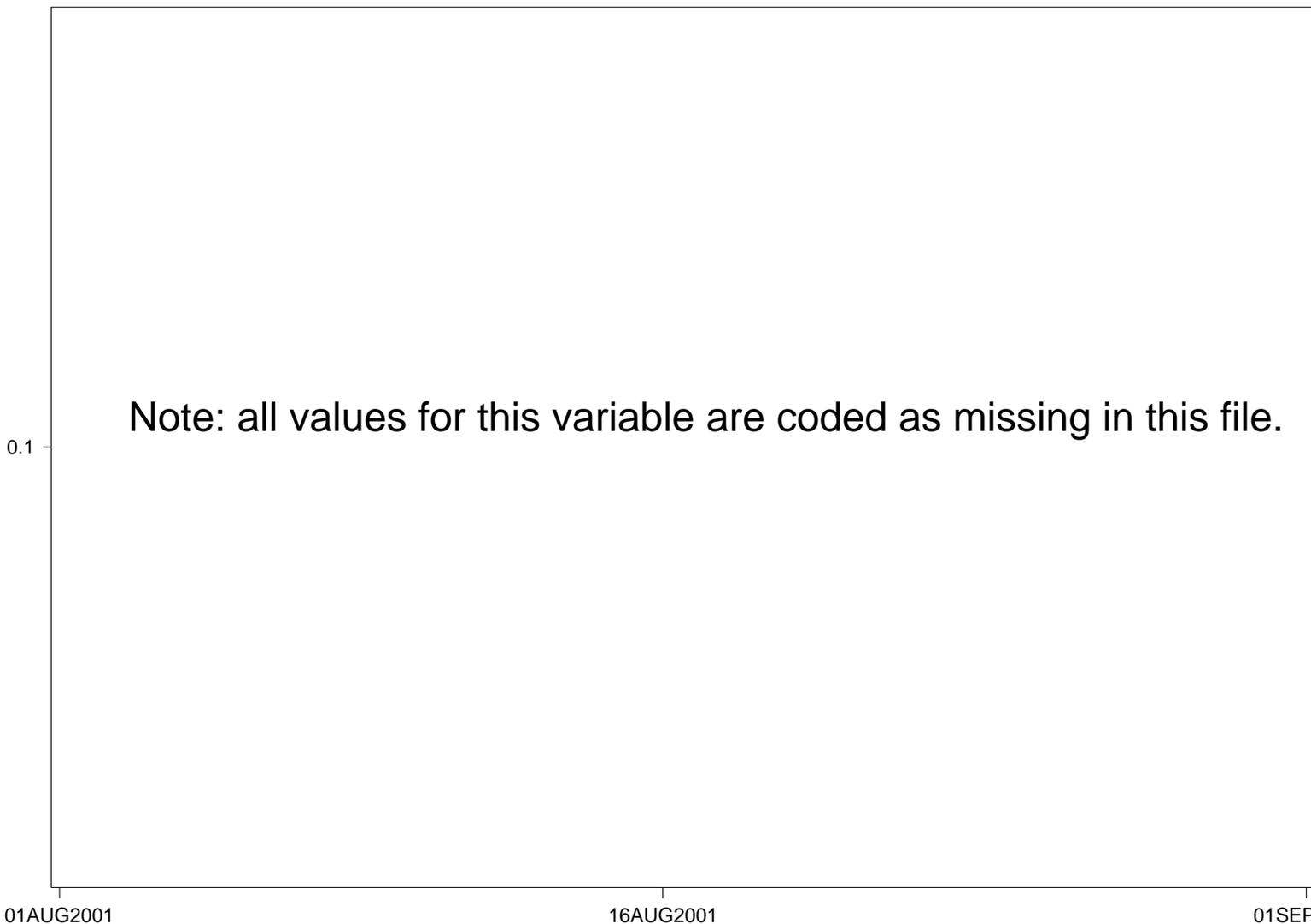
Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



Site ID: **PC01CABCT029** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

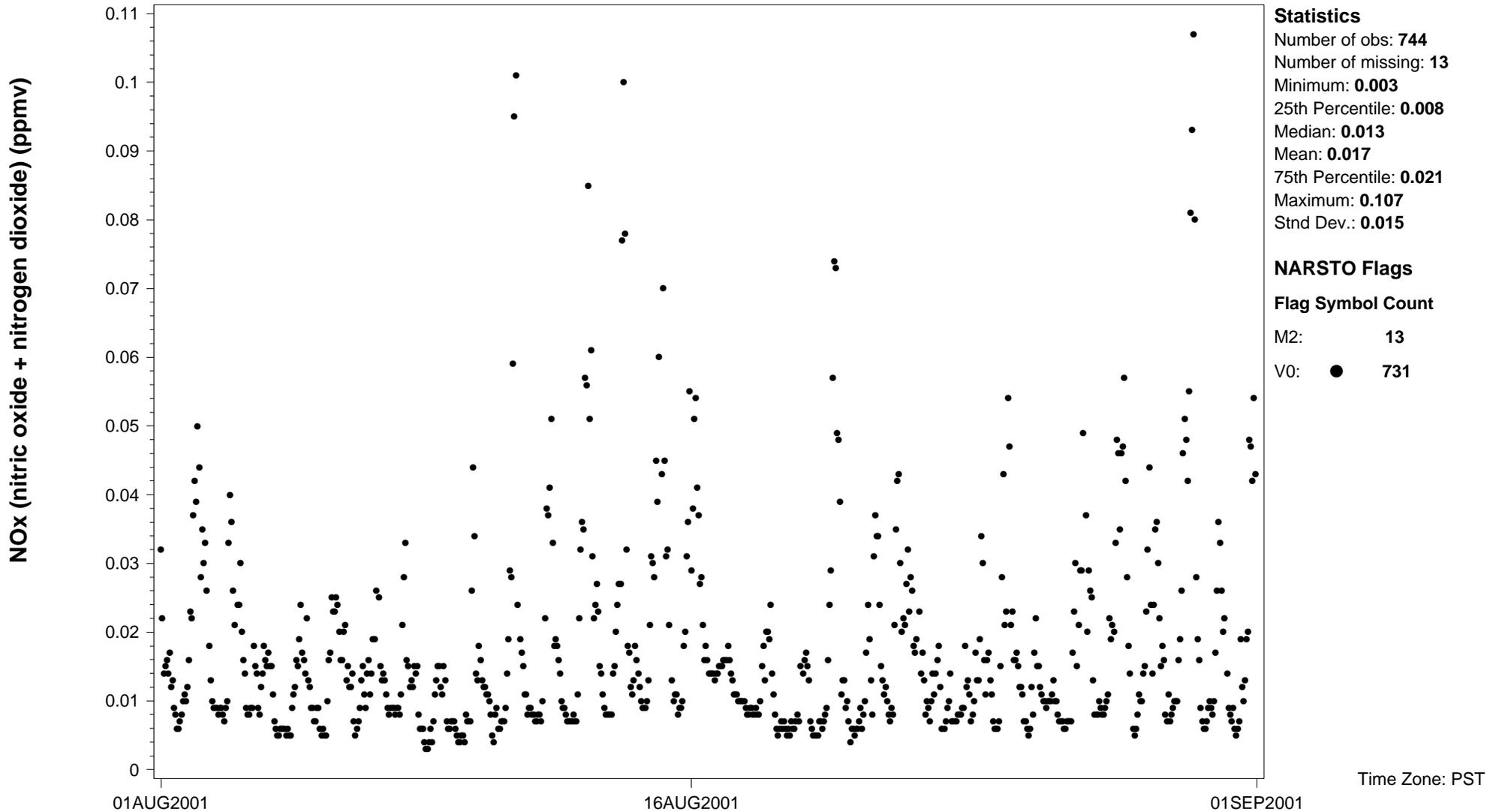
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



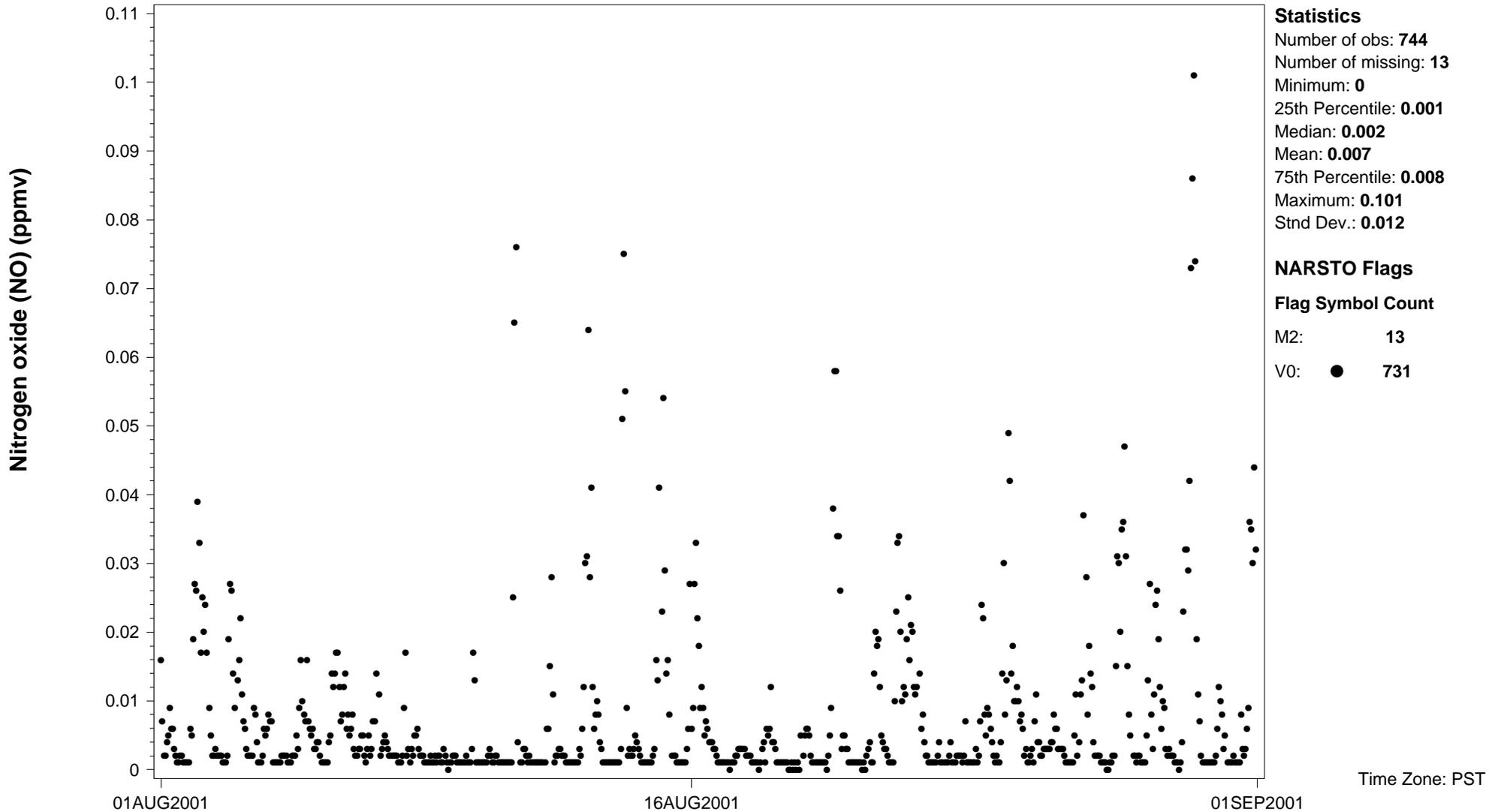
NATChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

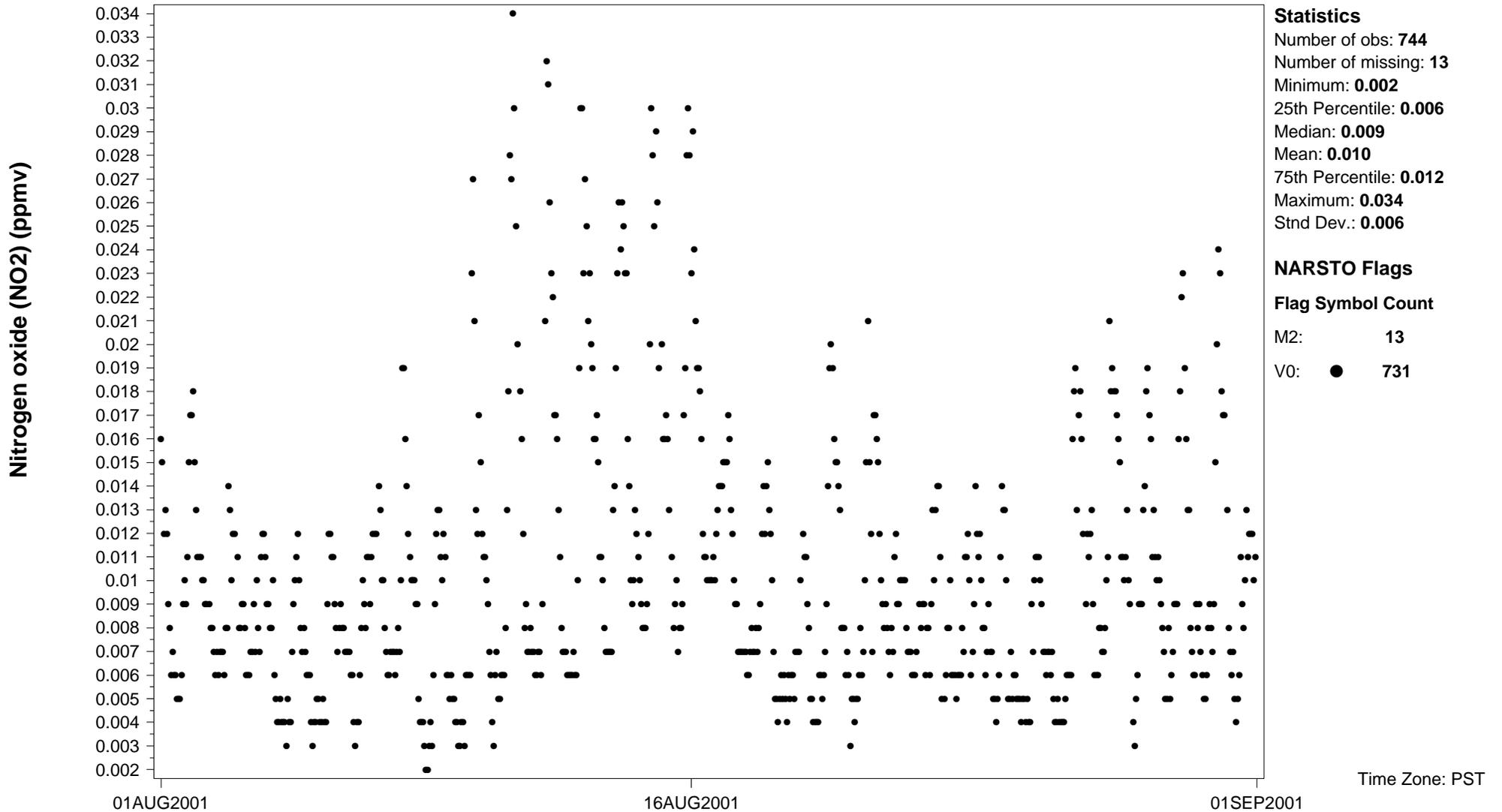


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



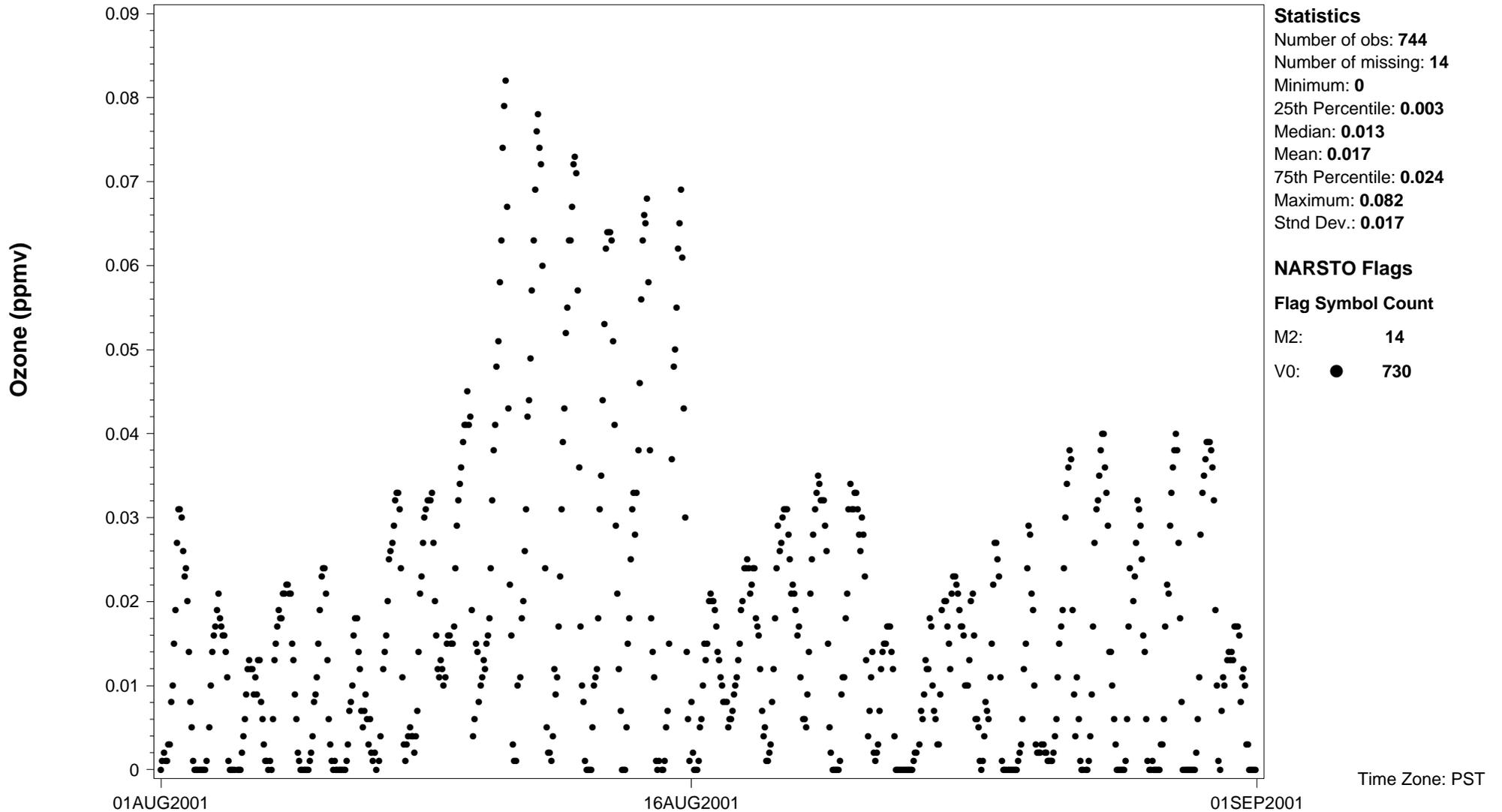
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



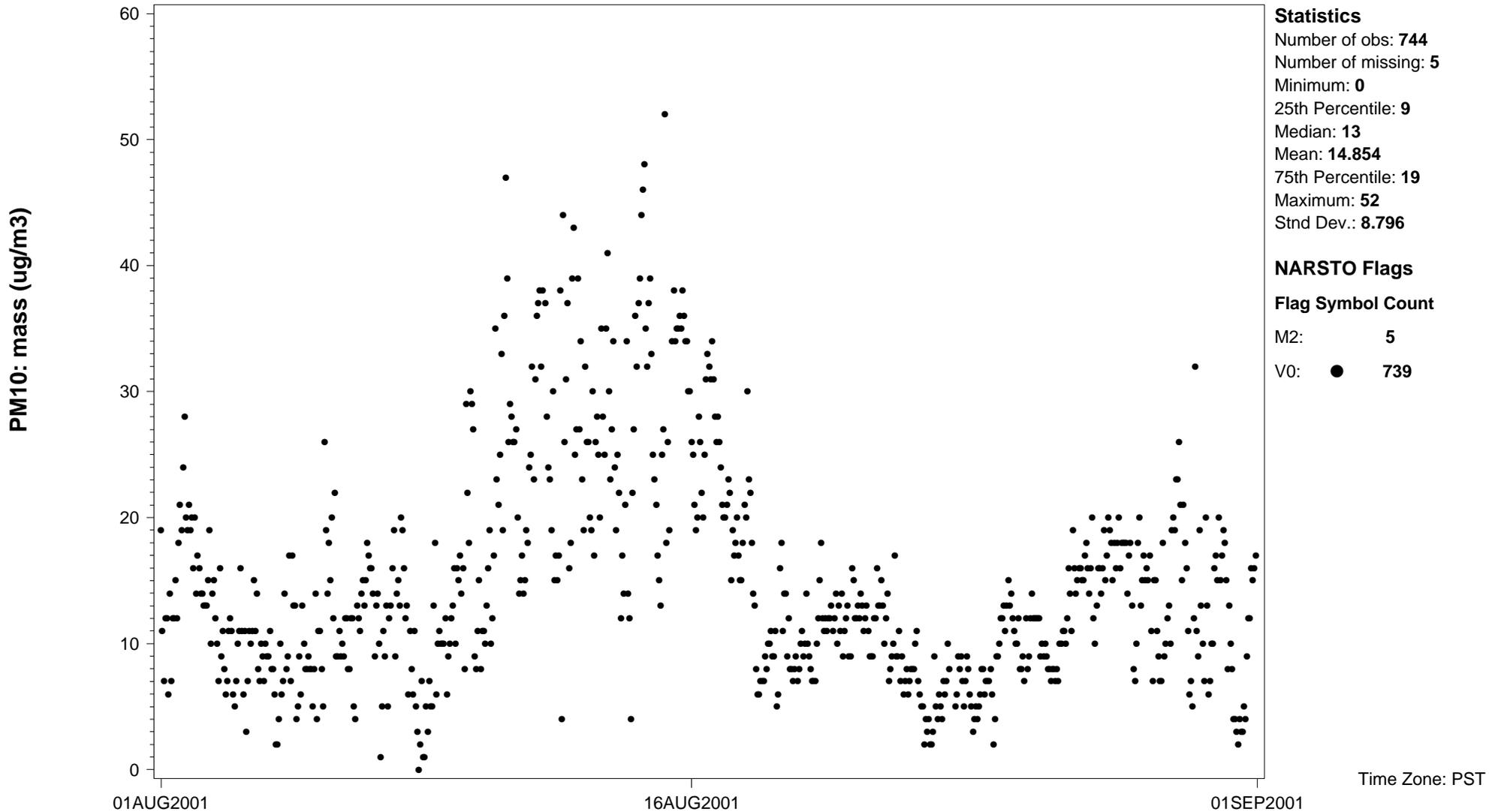
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

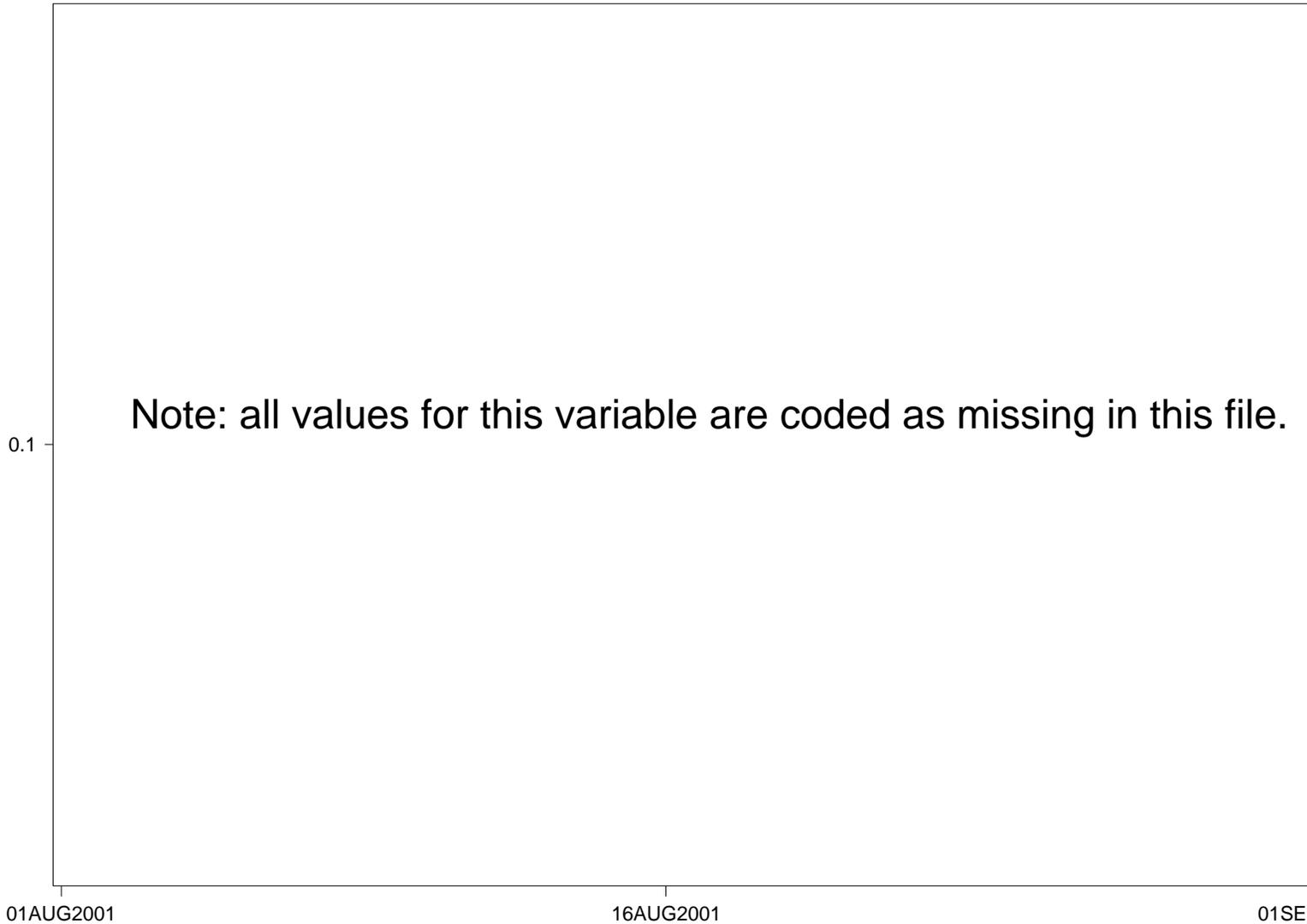


Site ID: **PC01CABCT029** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

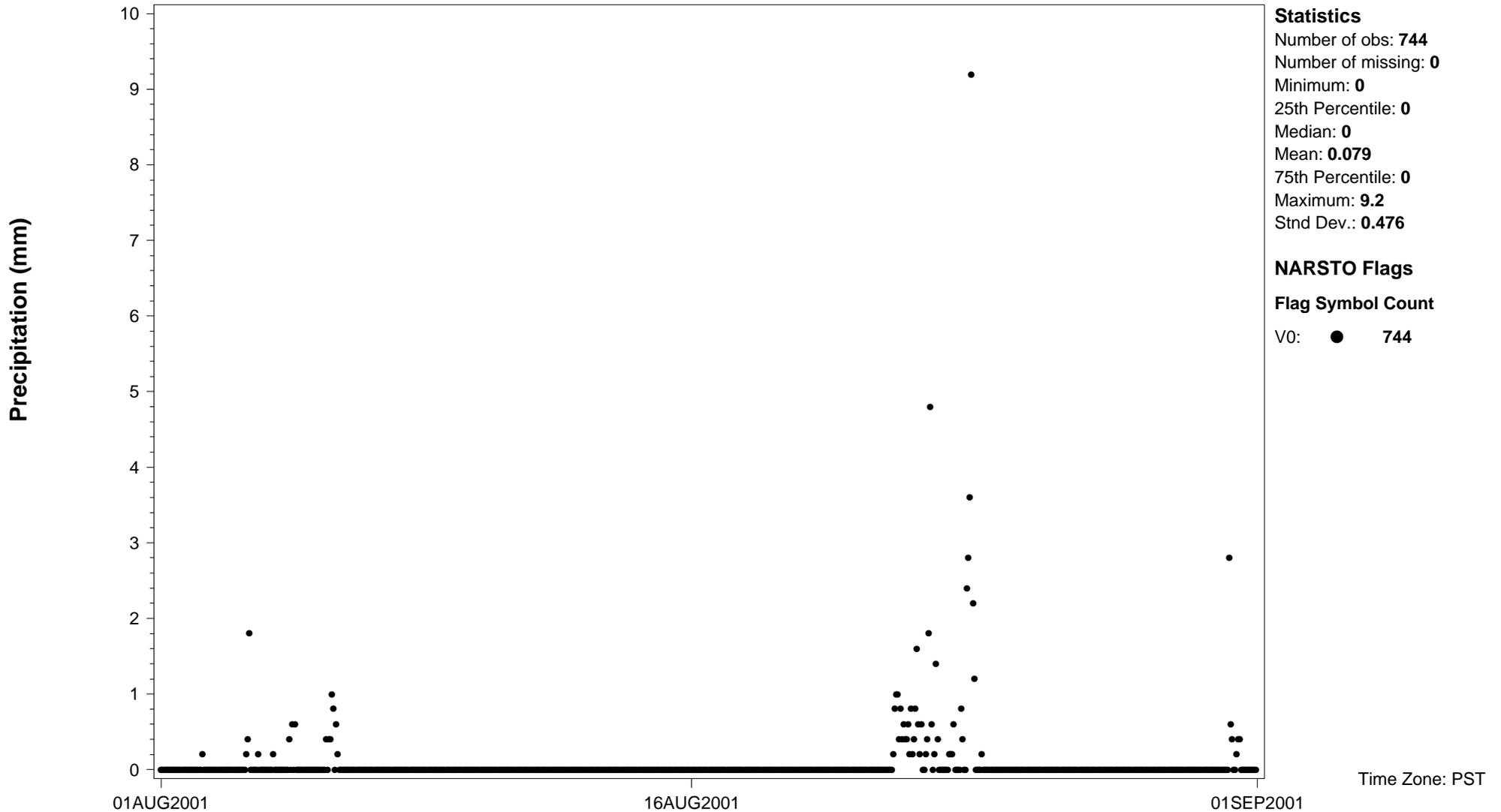
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

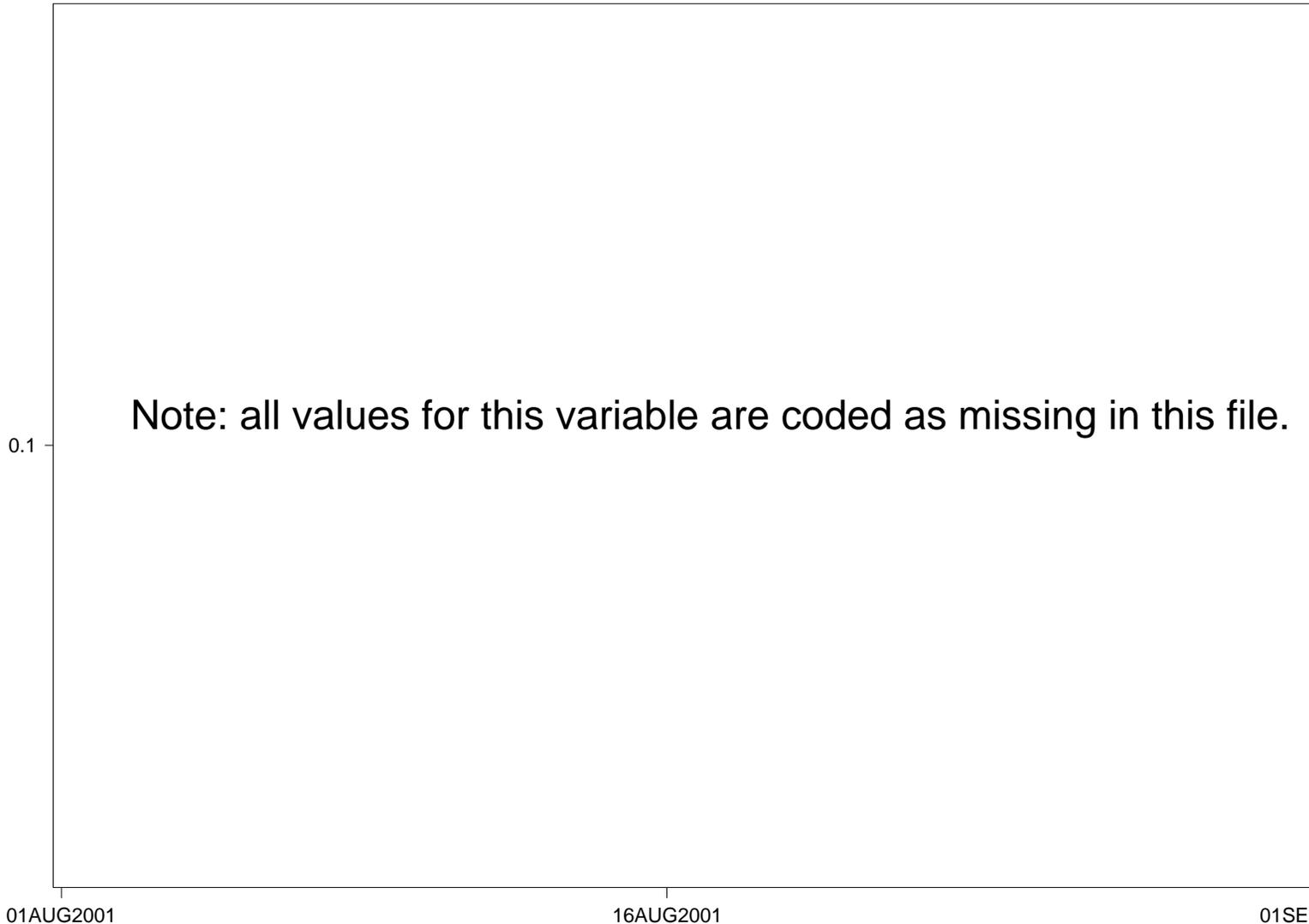
Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude: **49.36972222 deg.** Longitude: **-121.4994444 deg.** Start Date: **9999-12-31**



Site ID: **PC01CABCT029** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

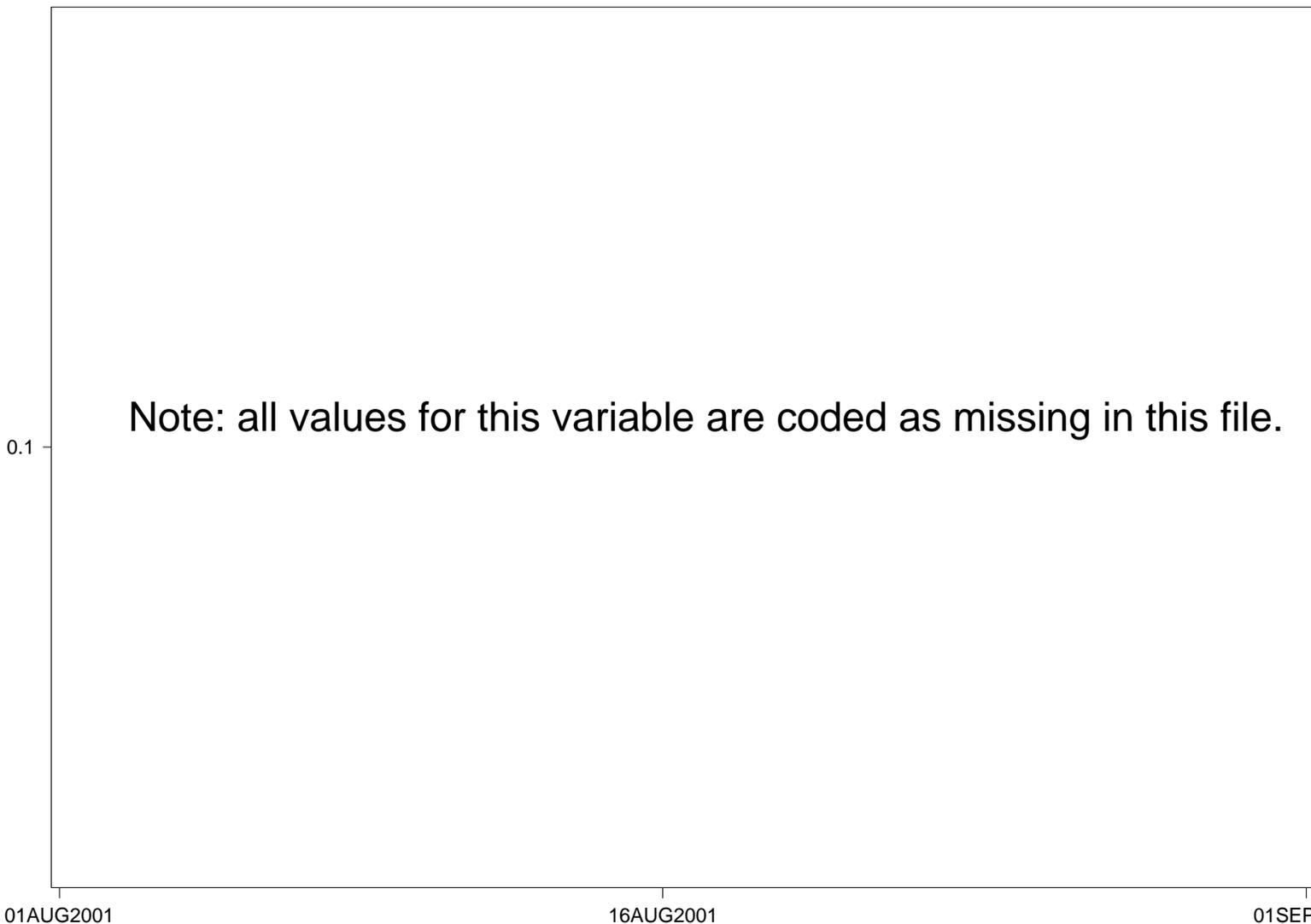
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

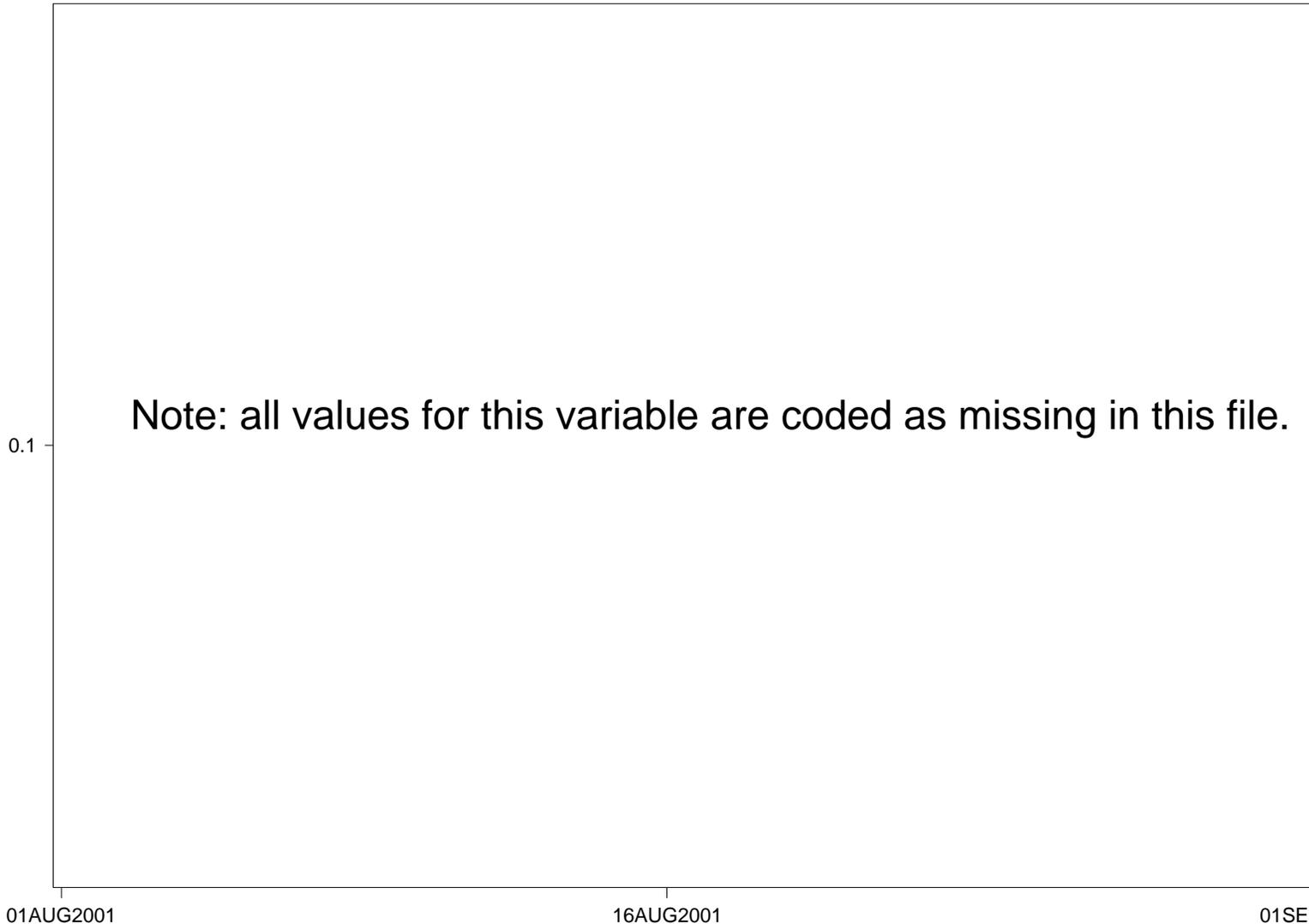
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Sulfur dioxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

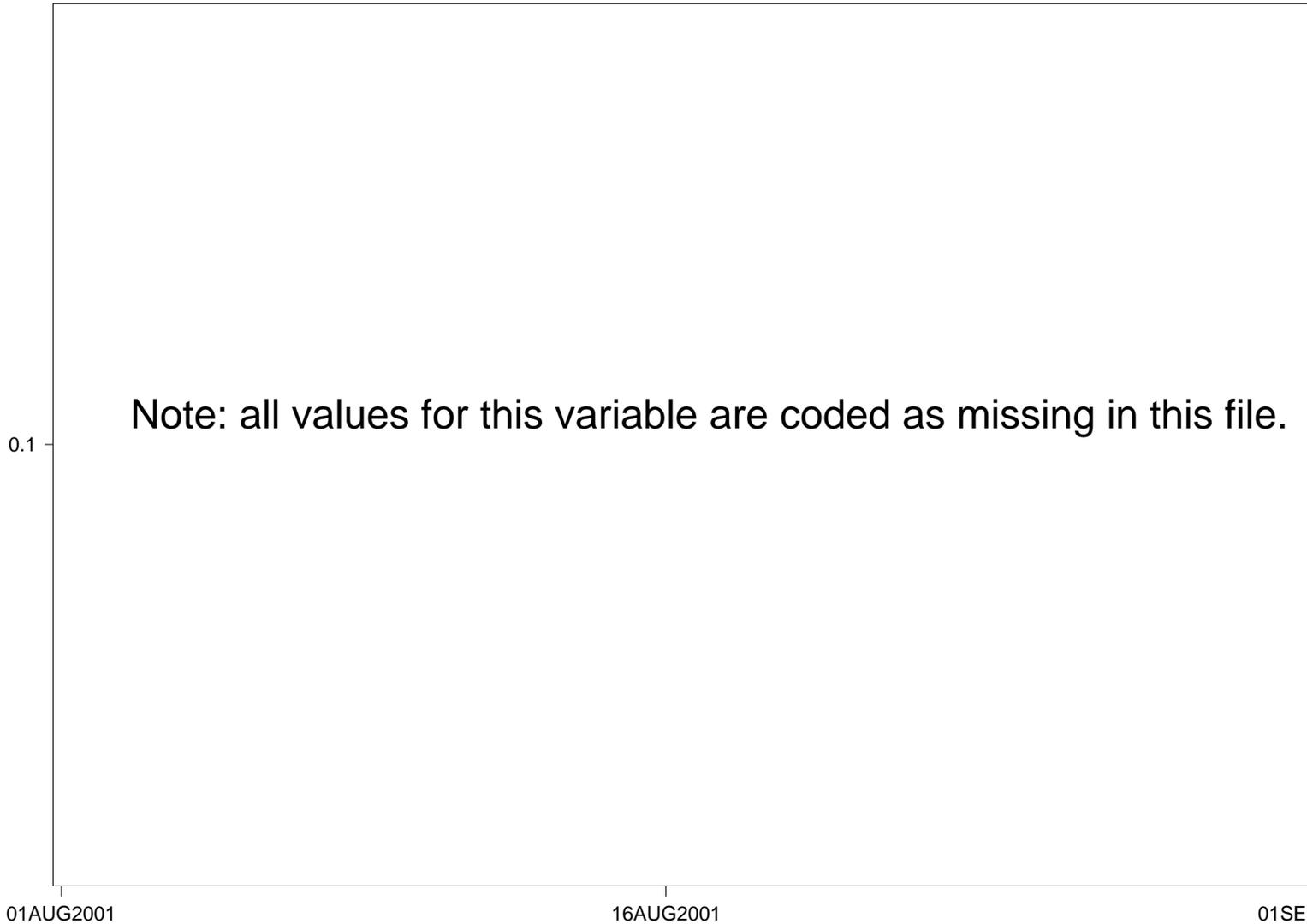
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

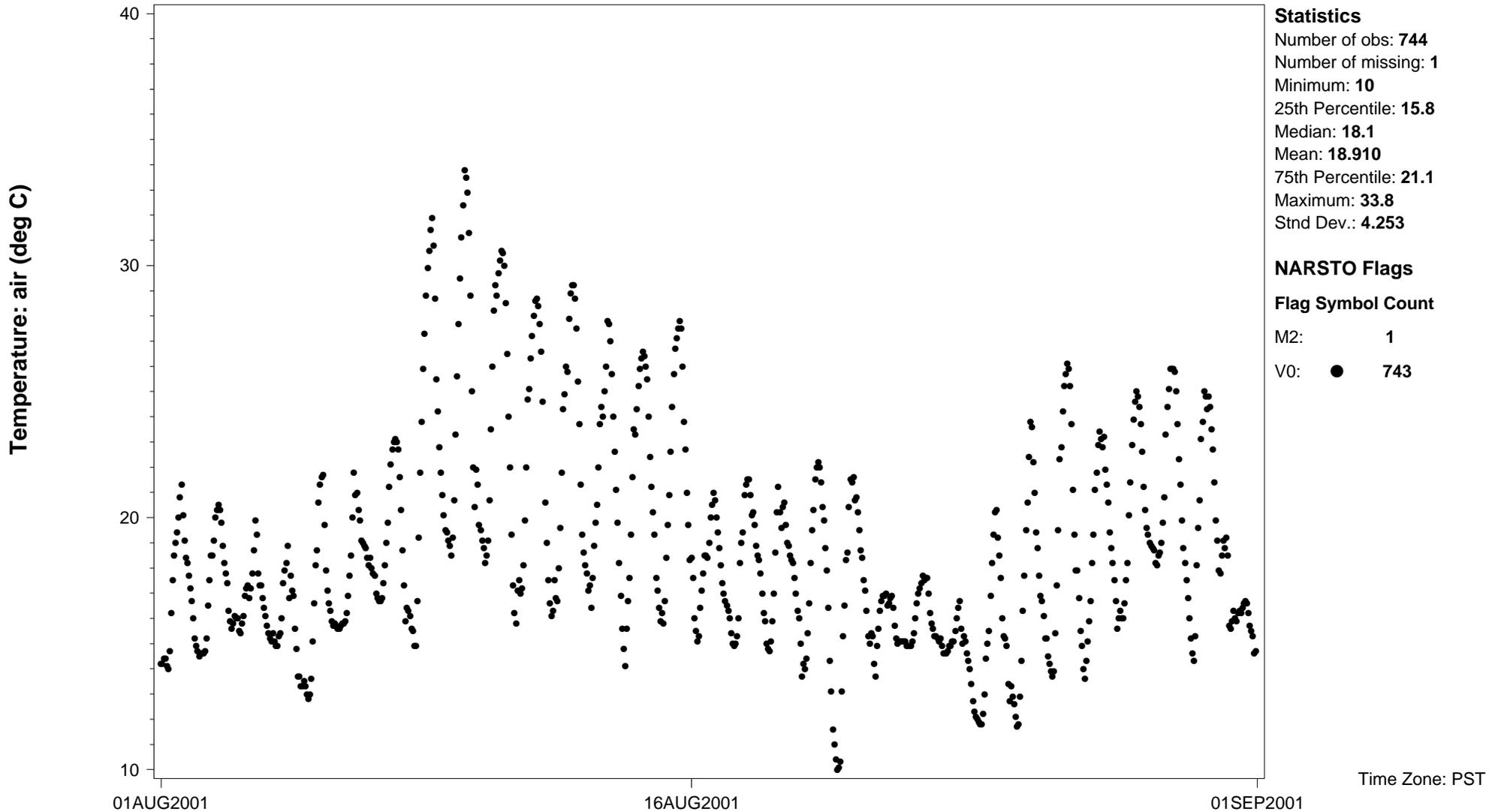
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

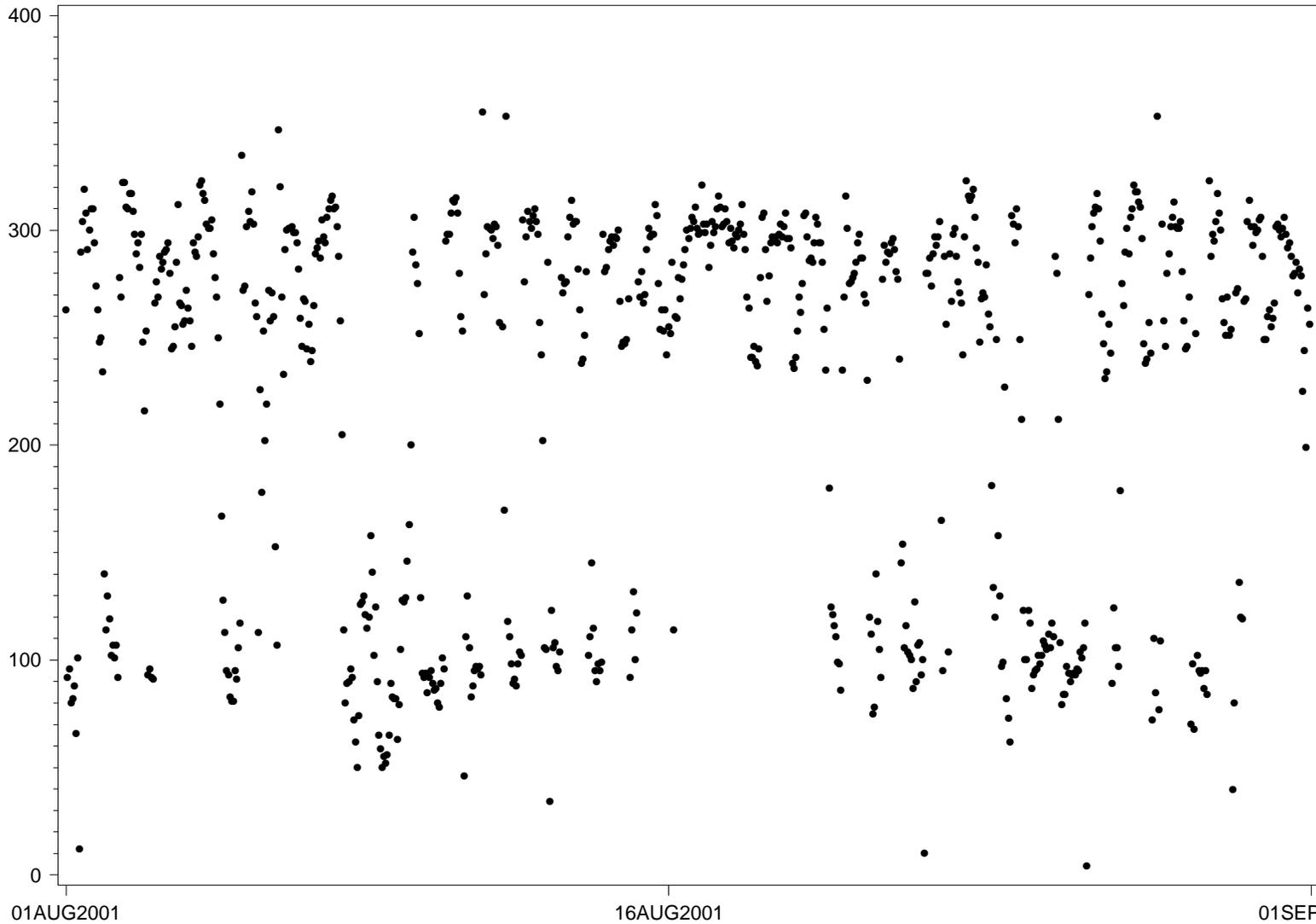


Site ID: **PC01CABCT029** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **4**  
 25th Percentile: **115**  
 Median: **266**  
 Mean: **223.509**  
 75th Percentile: **297**  
 Maximum: **355**  
 Std Dev.: **89.280**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: **● 743**

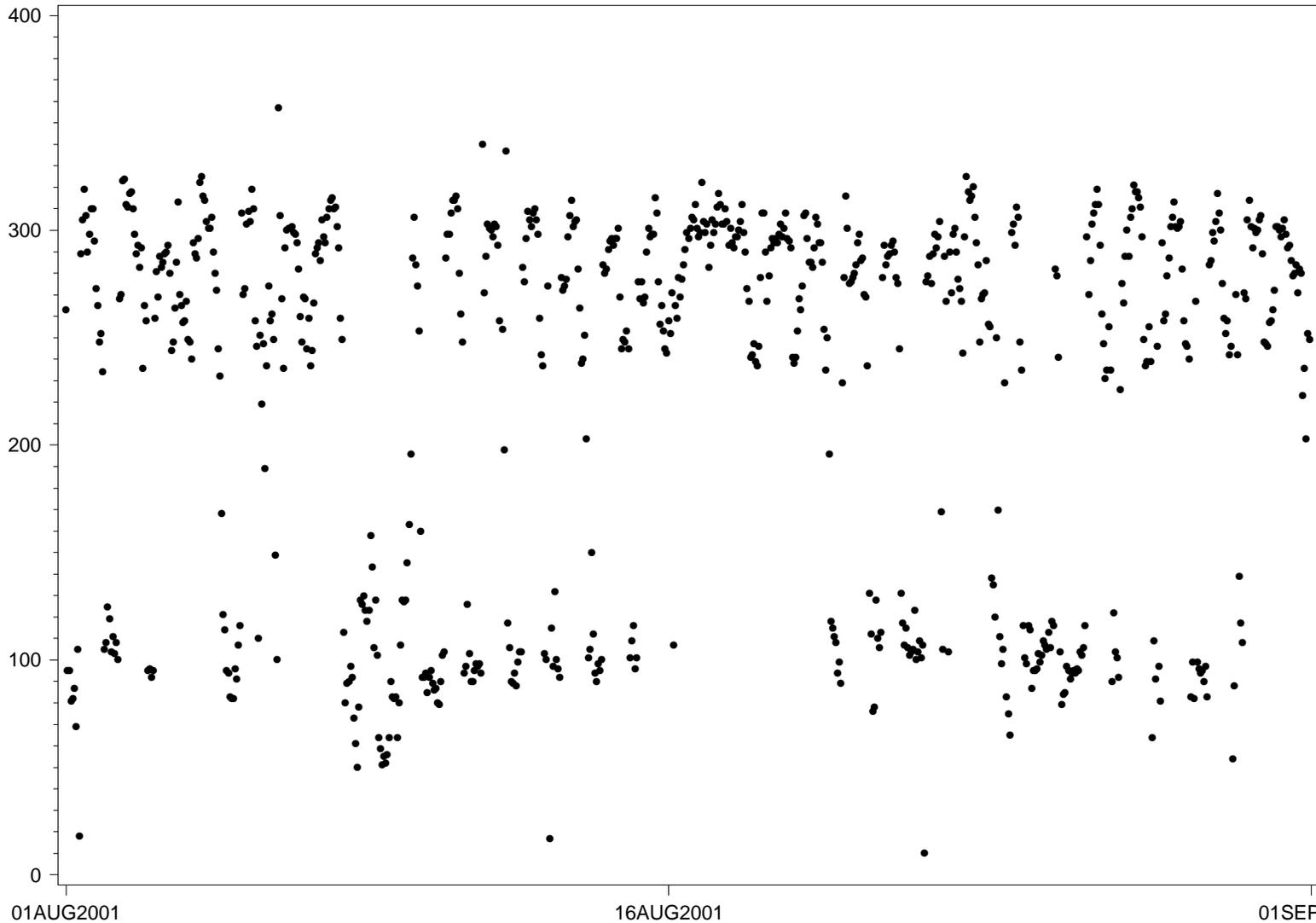
Time Zone: PST

Site ID: **PC01CABCT029** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **10**  
 25th Percentile: **113**  
 Median: **266**  
 Mean: **223.639**  
 75th Percentile: **296**  
 Maximum: **357**  
 Stnd Dev.: **88.410**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

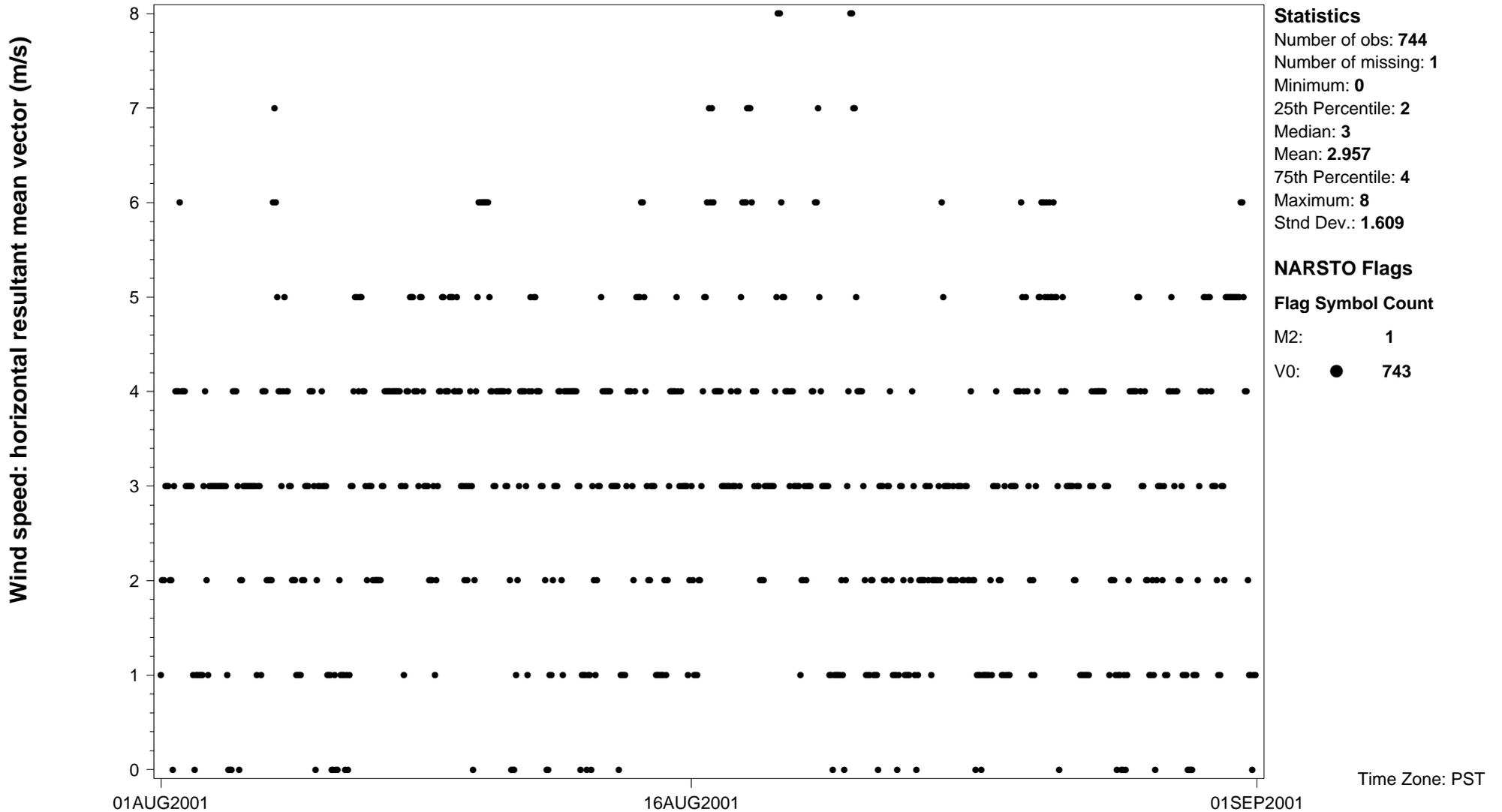
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**

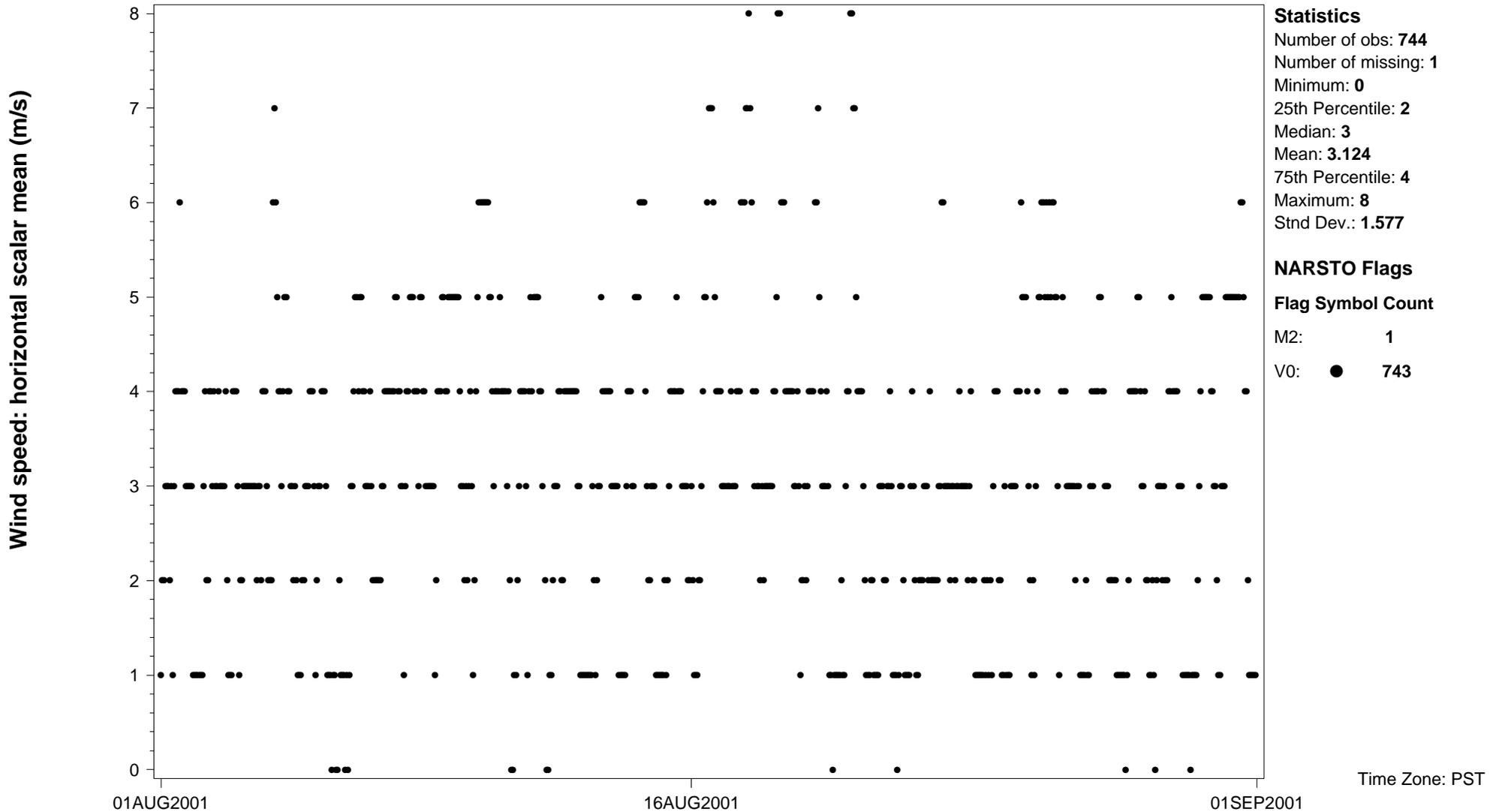


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT029** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **HOPE AIRPORT - 62715 AIRPORT ROAD, RR#2 - HOPE, British Columbia** Latitude:**49.36972222 deg.** Longitude:**-121.4994444 deg.** Start Date:**9999-12-31**



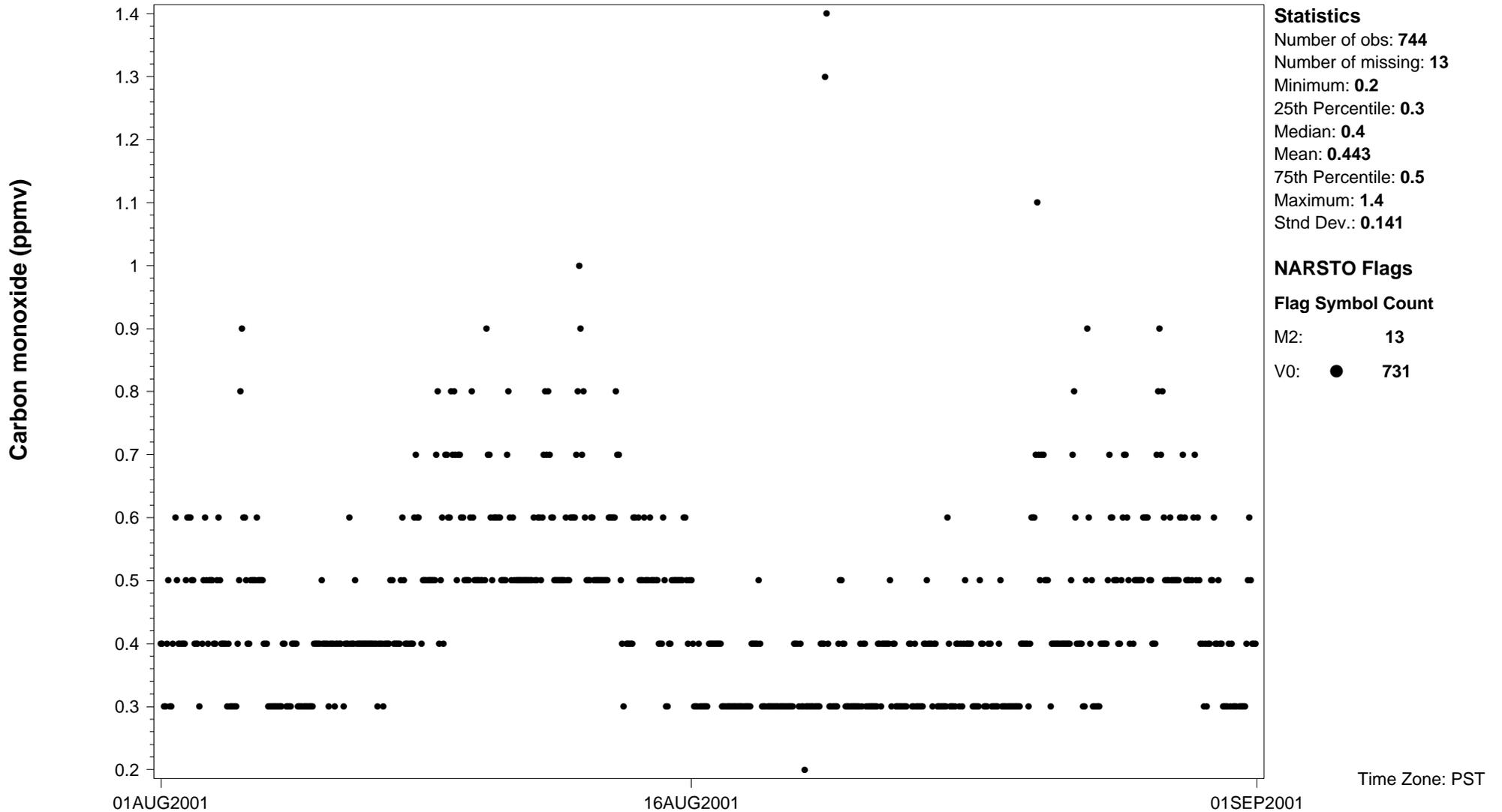
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

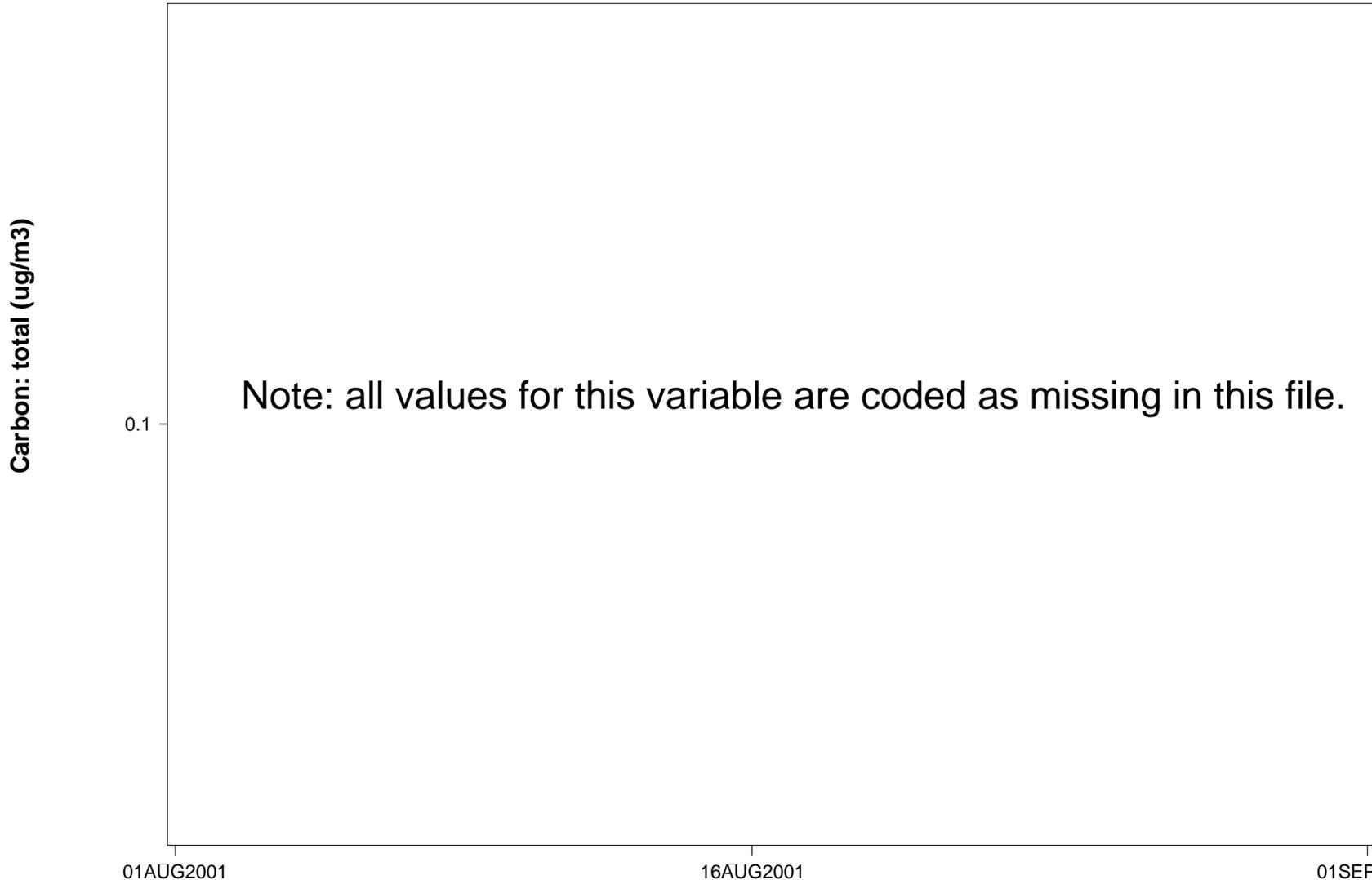
Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



Site ID: **PC01CABCT030** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

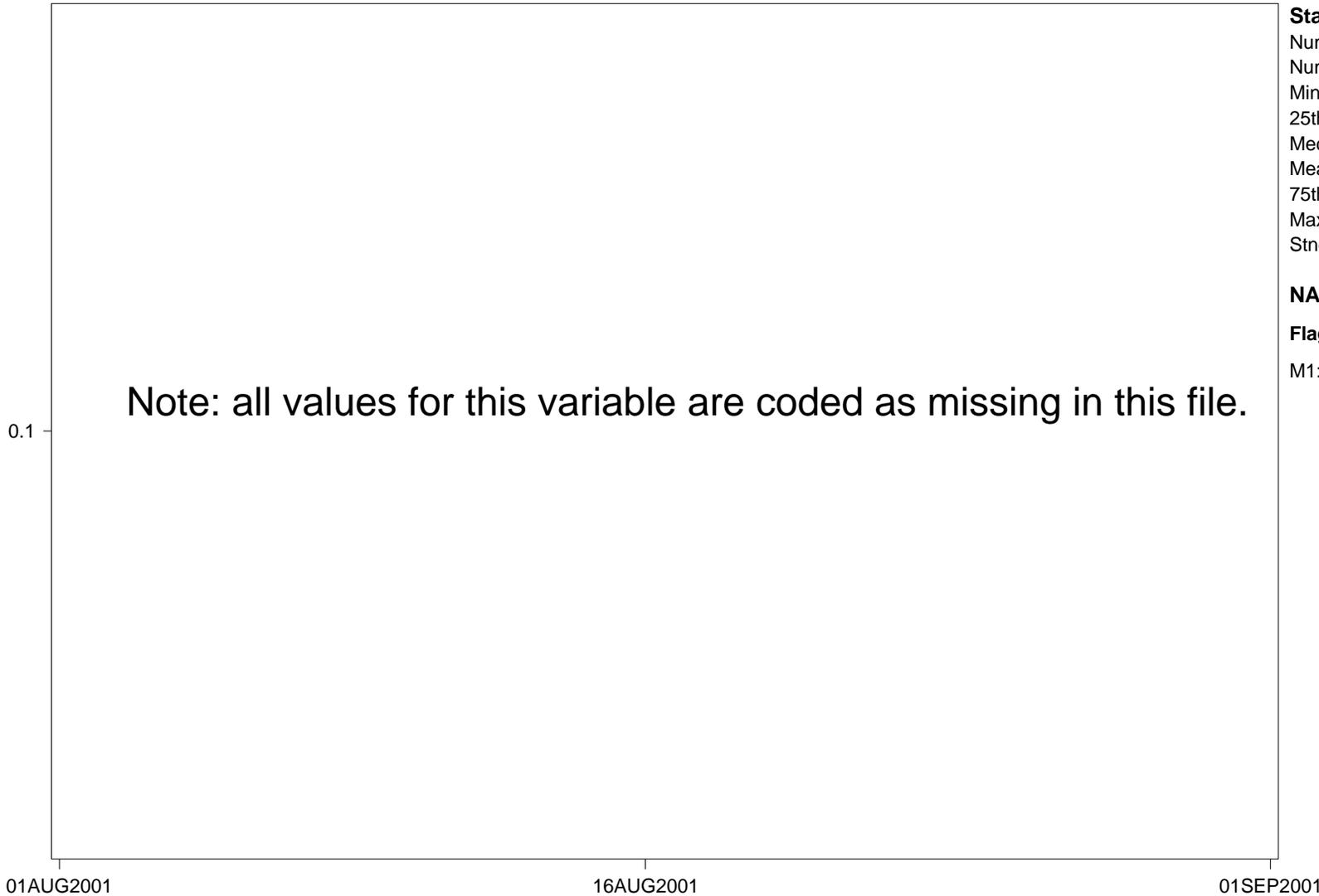
Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

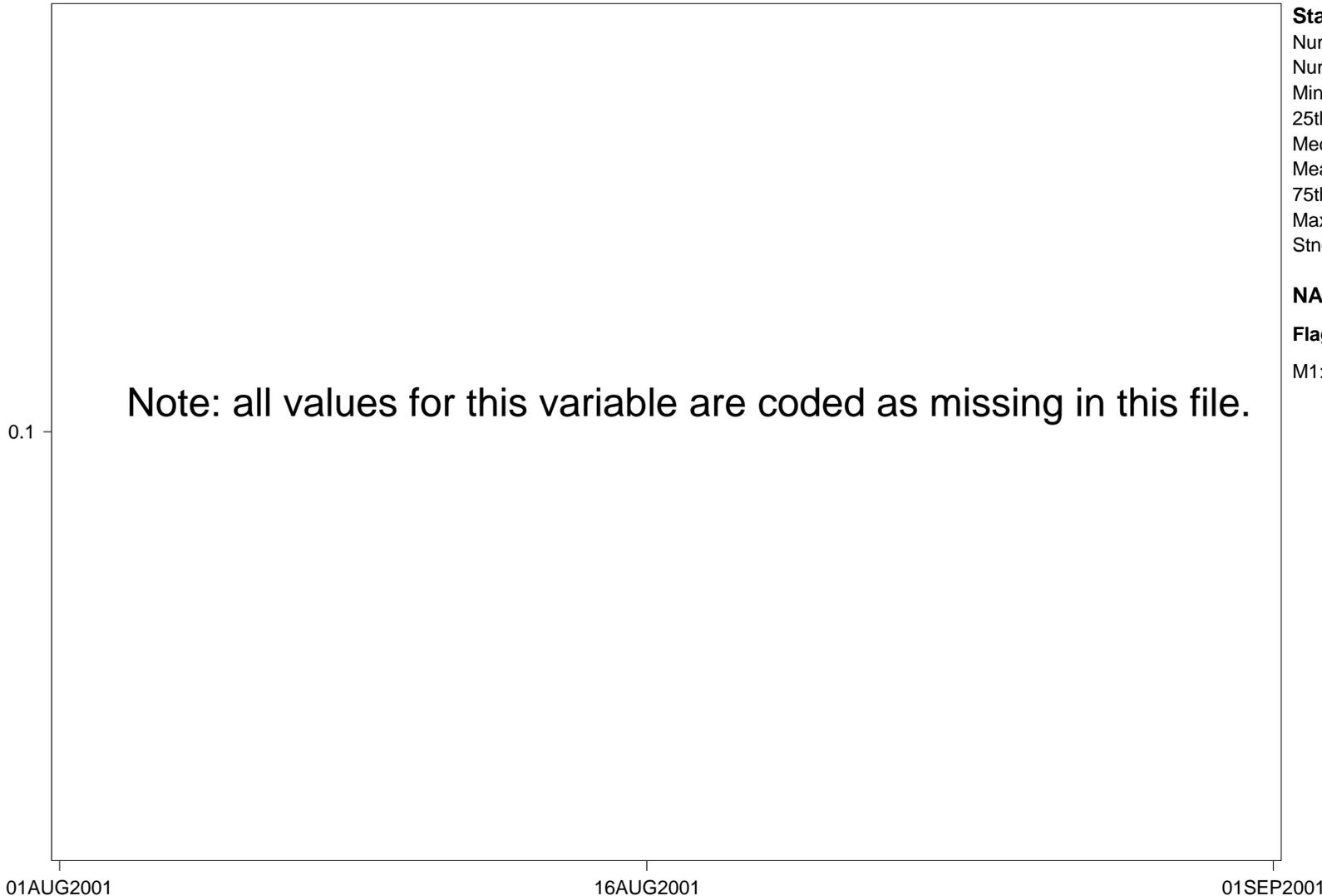
Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

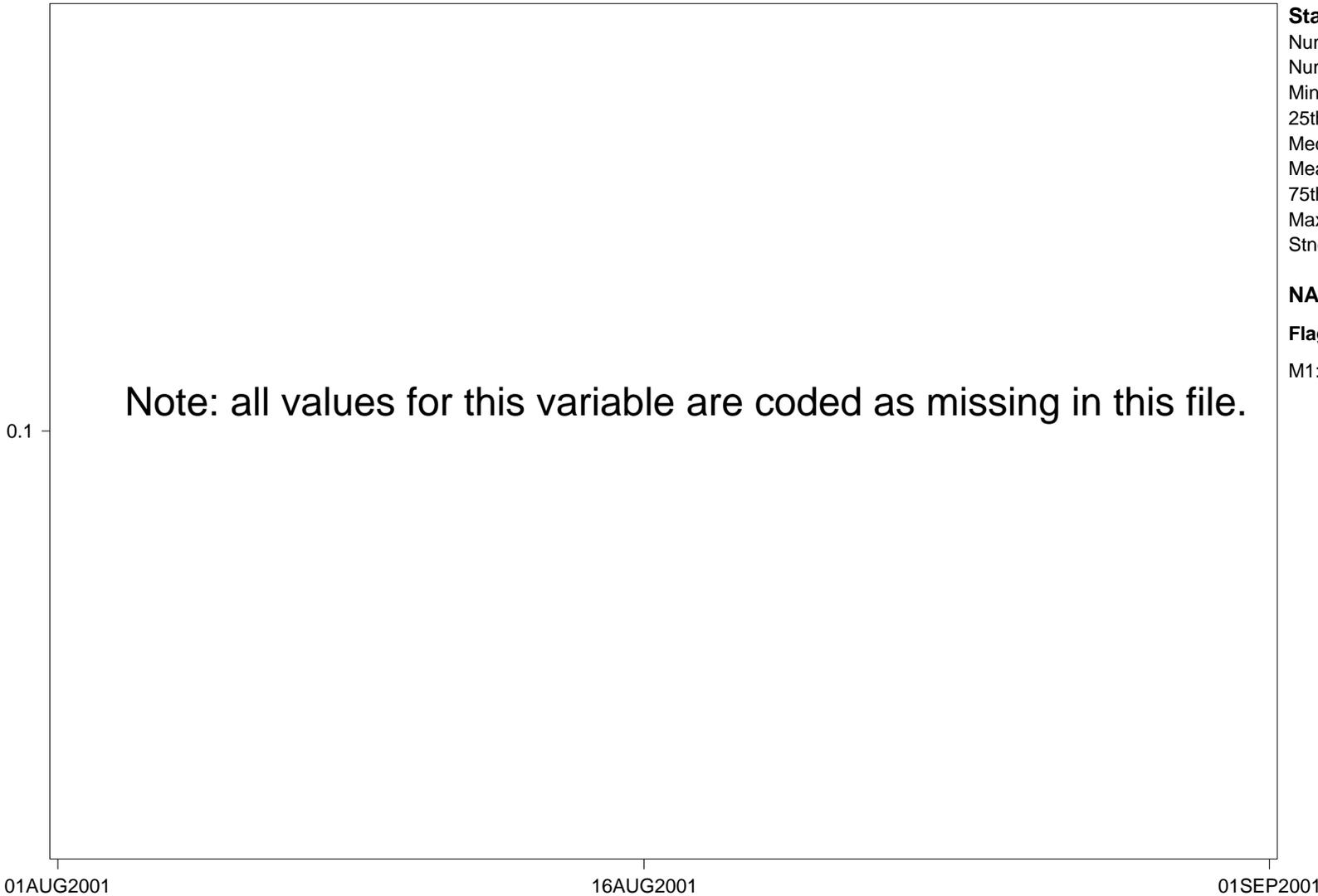
Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

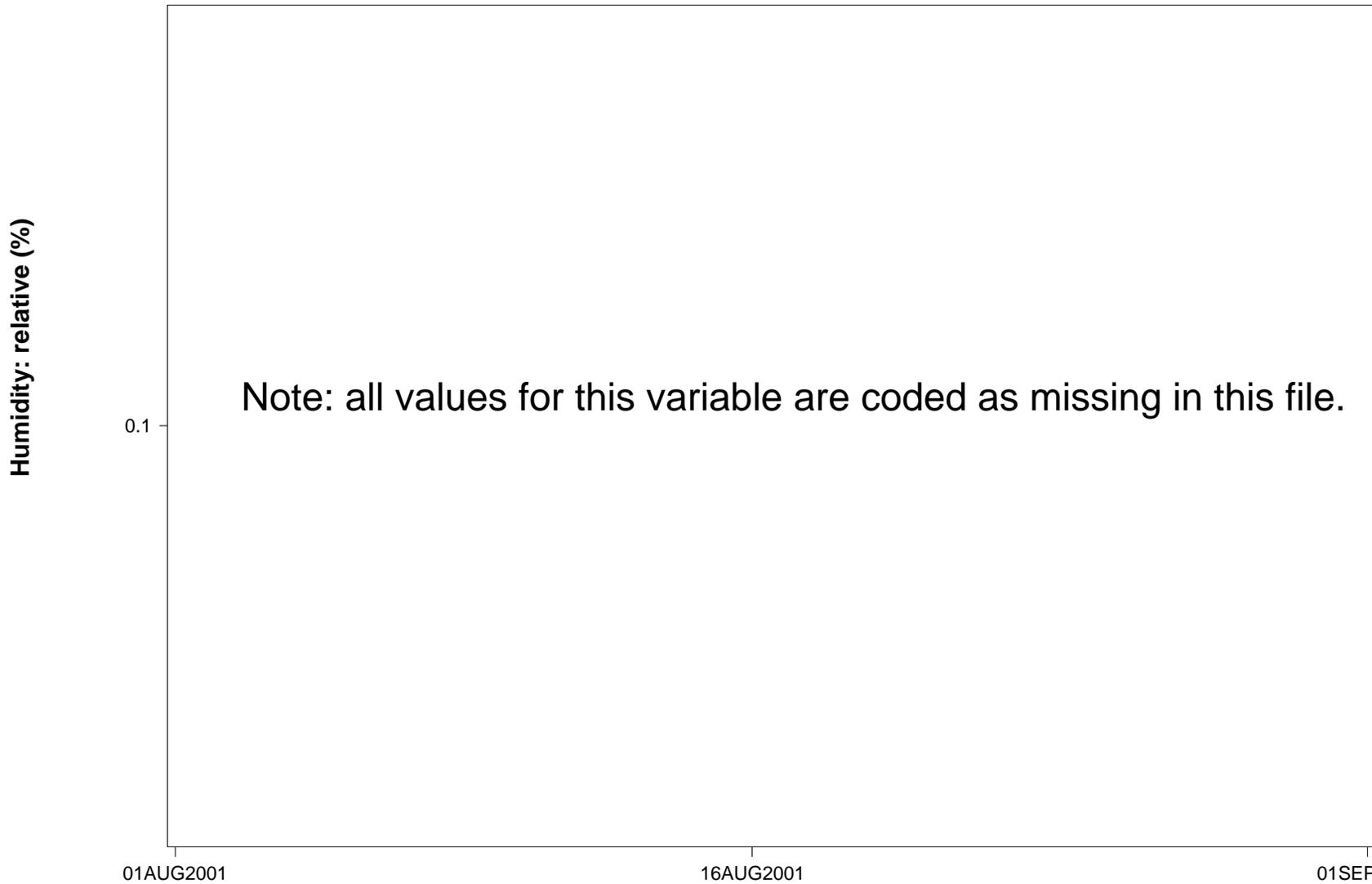
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

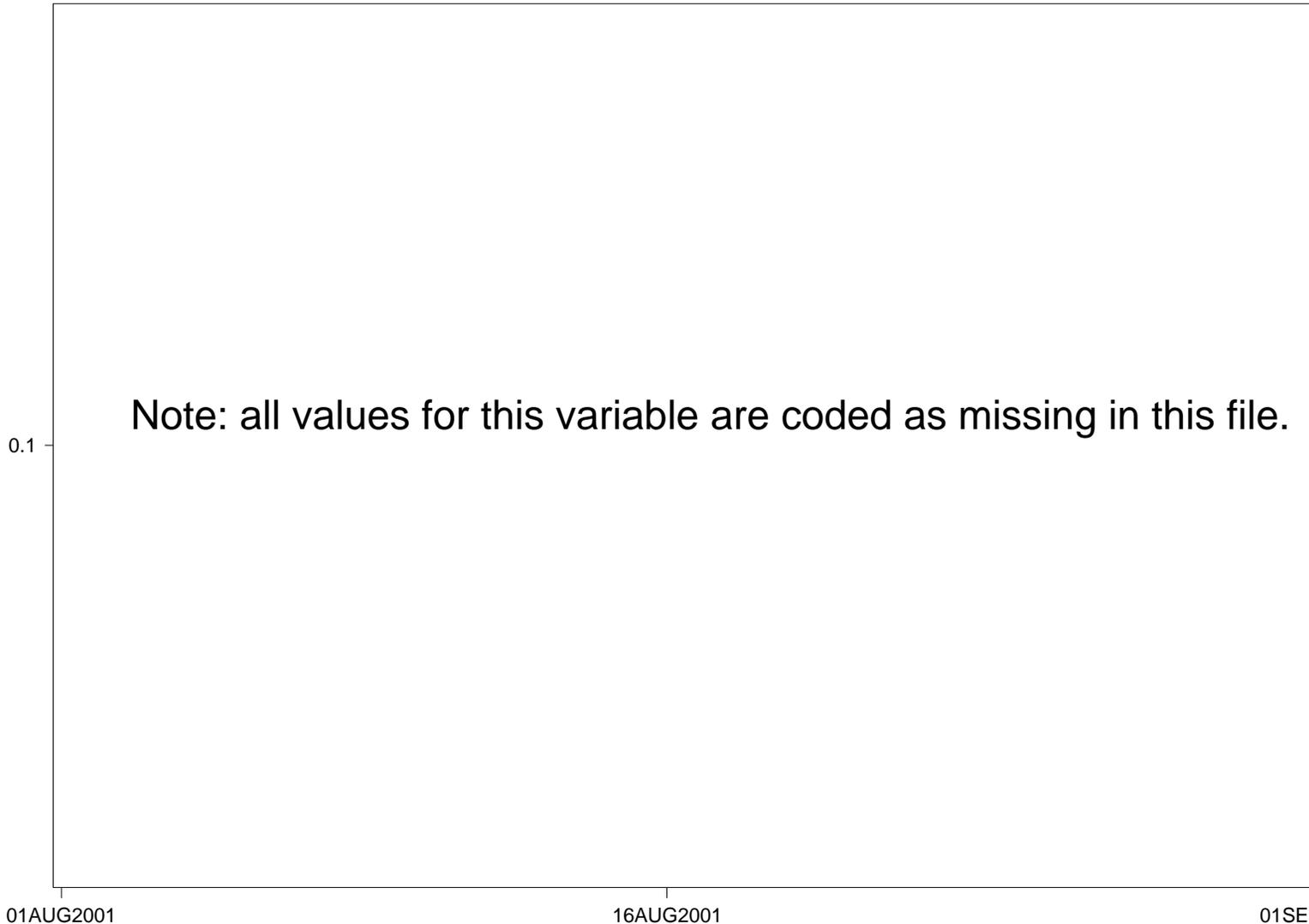
Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

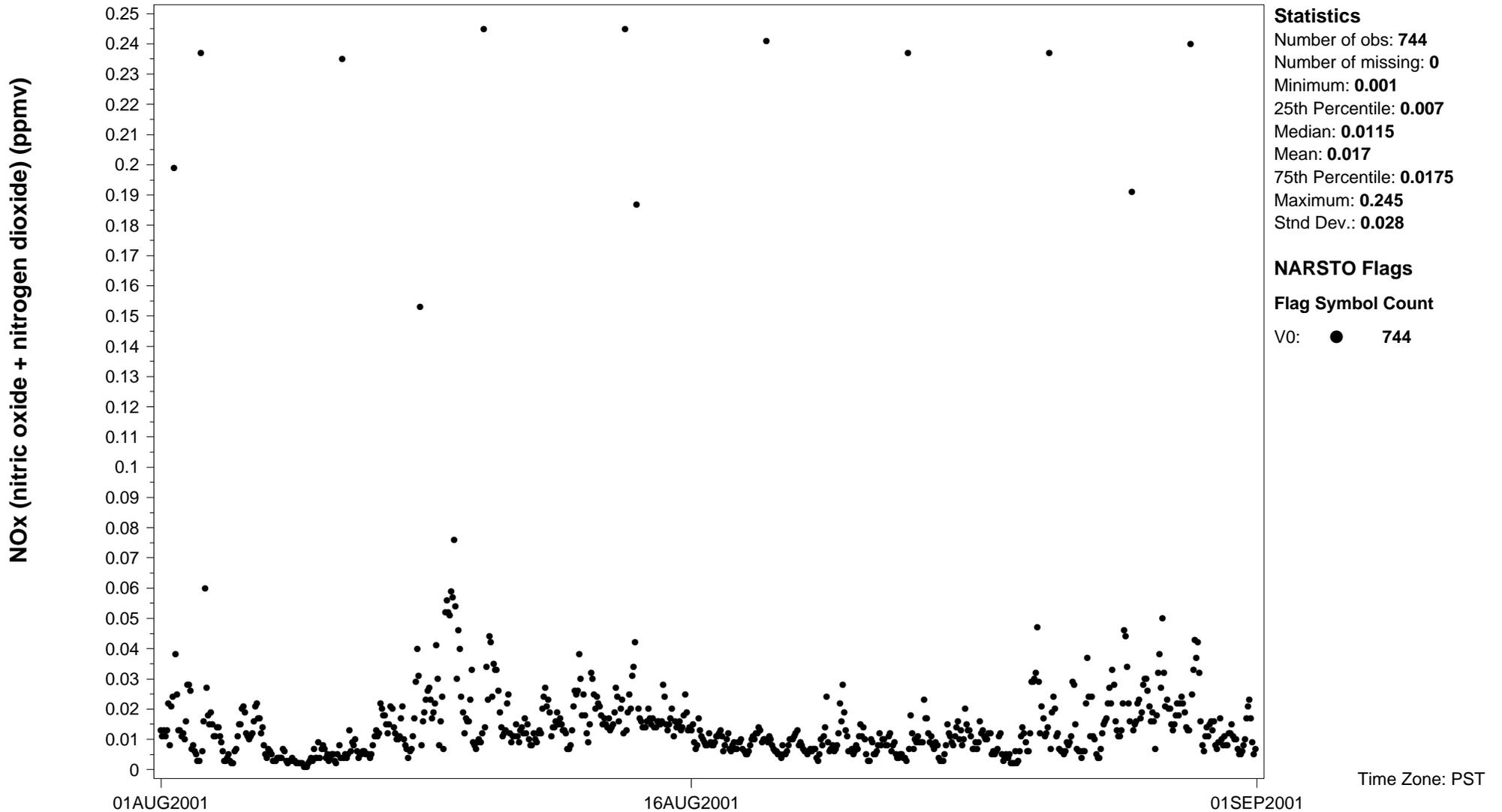
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



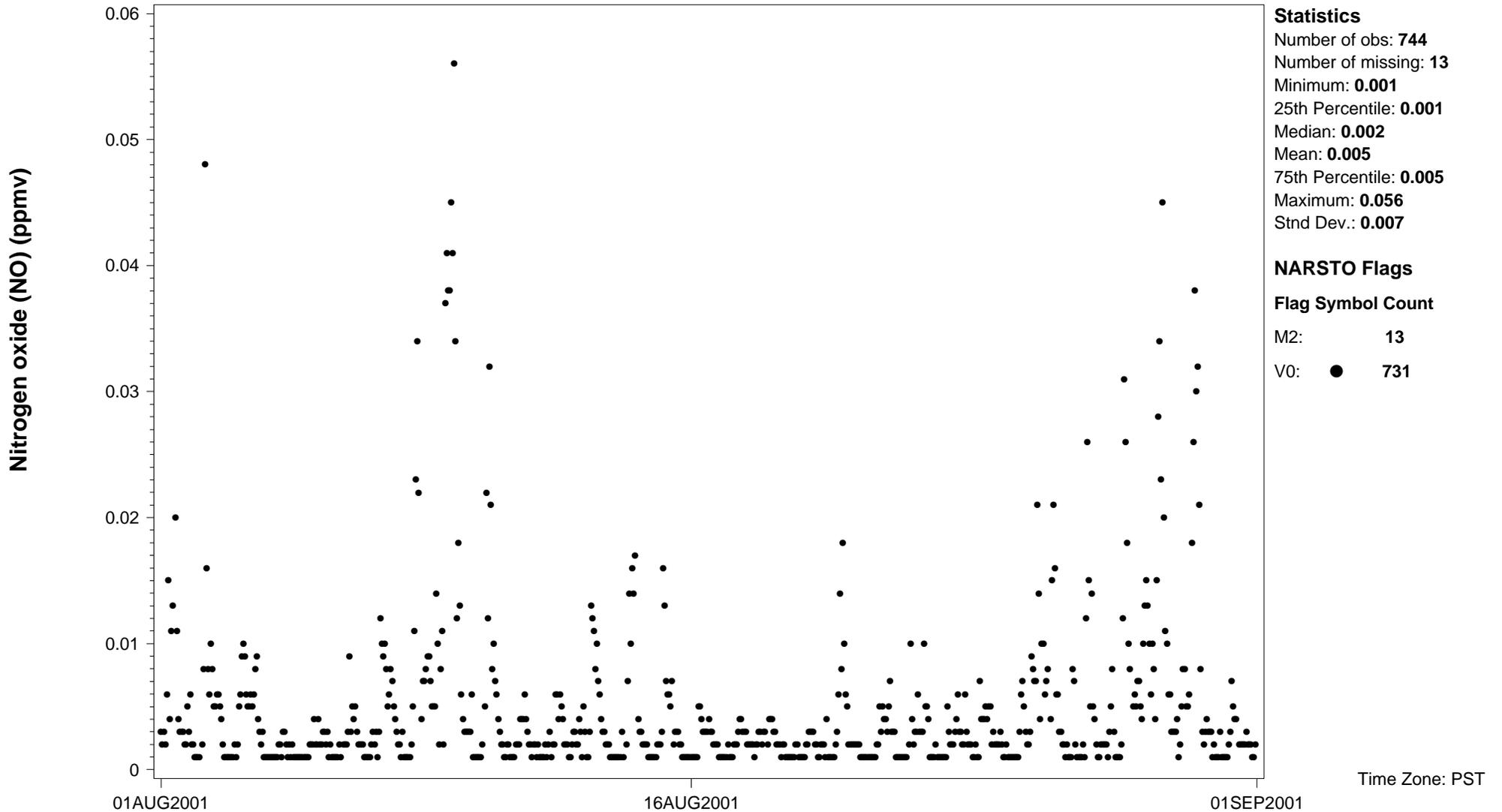
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

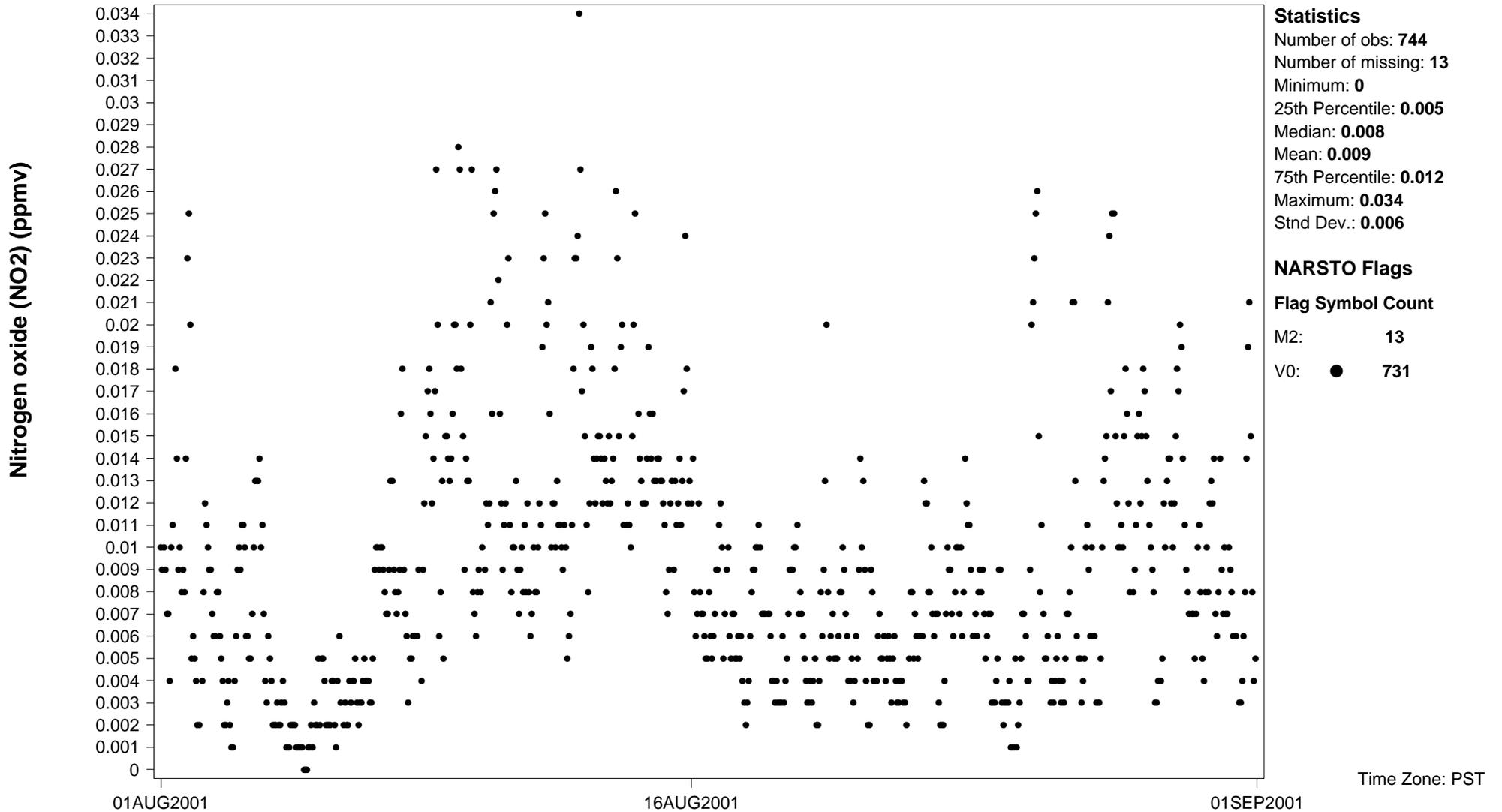


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



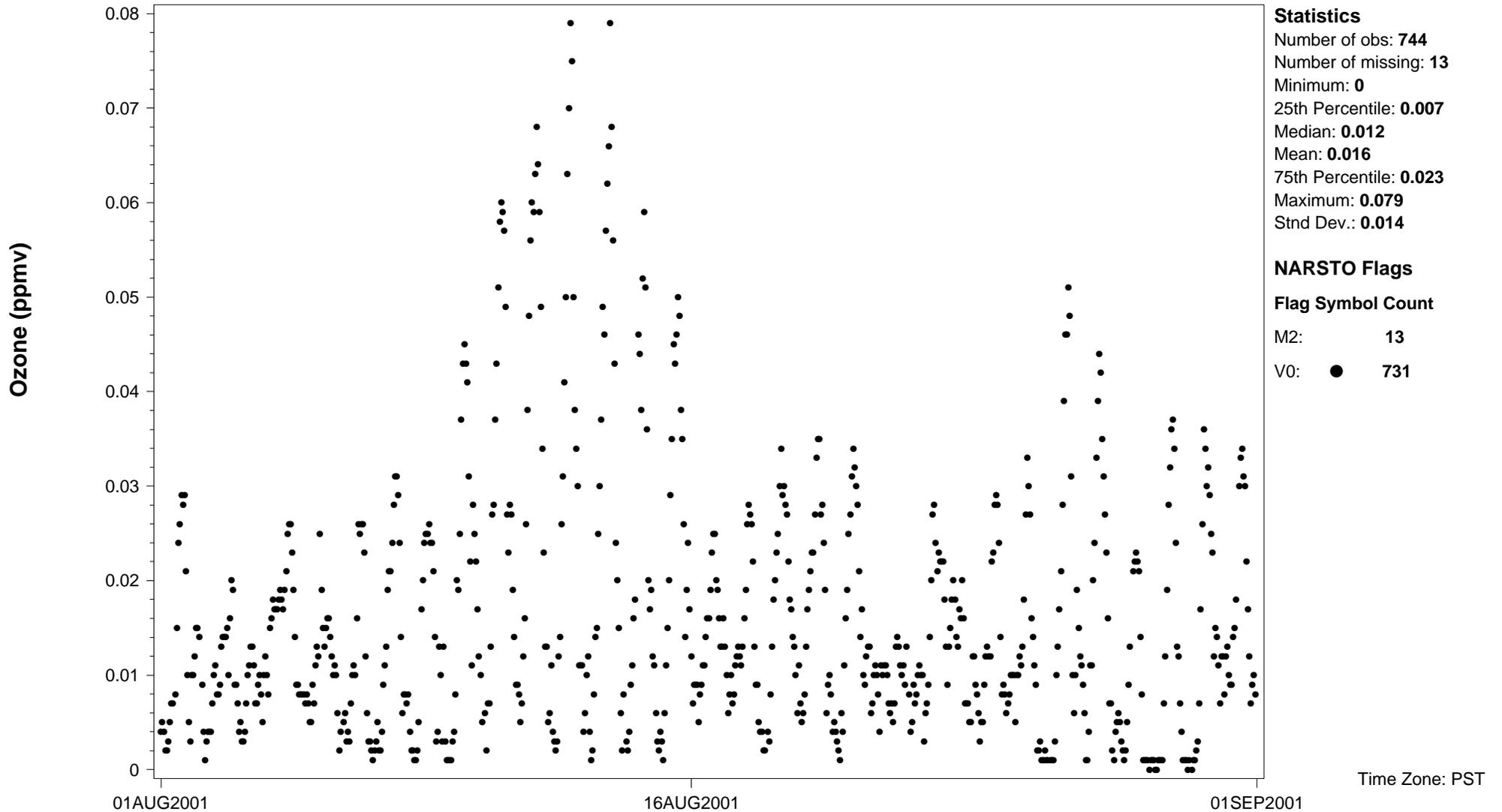
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

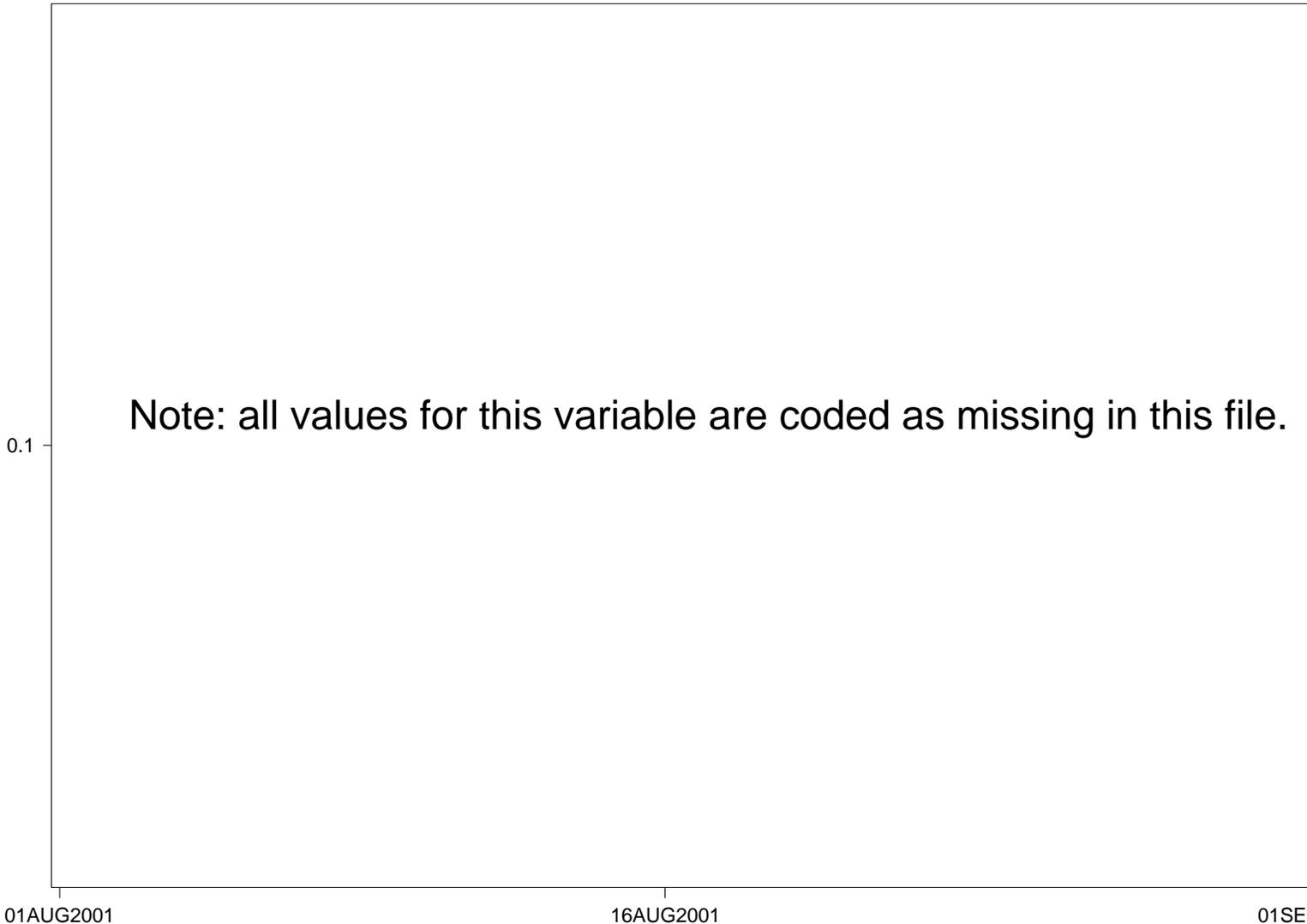


Site ID: **PC01CABCT030** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

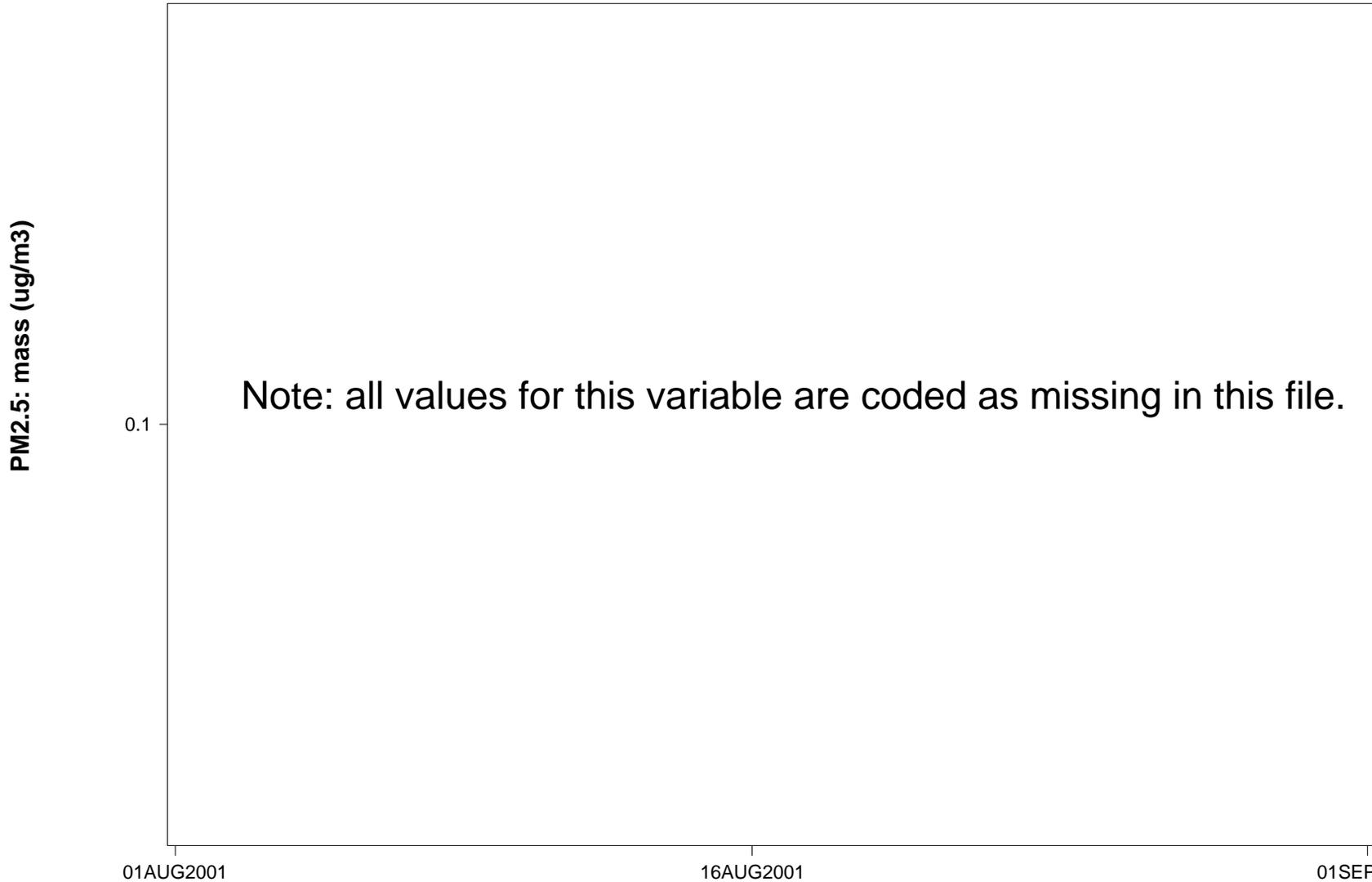
**Flag Symbol Count**  
 M2: **744**

Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

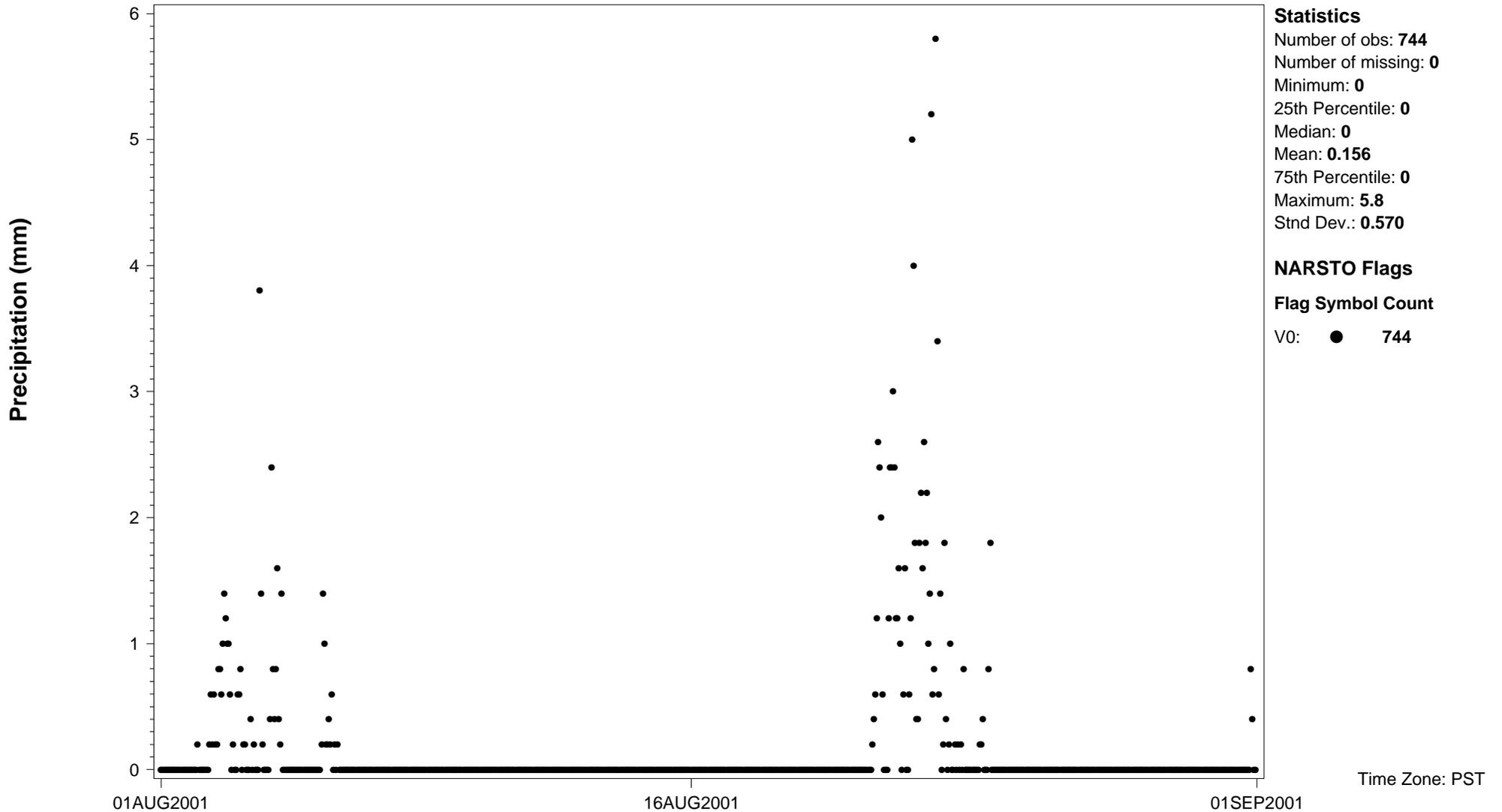
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

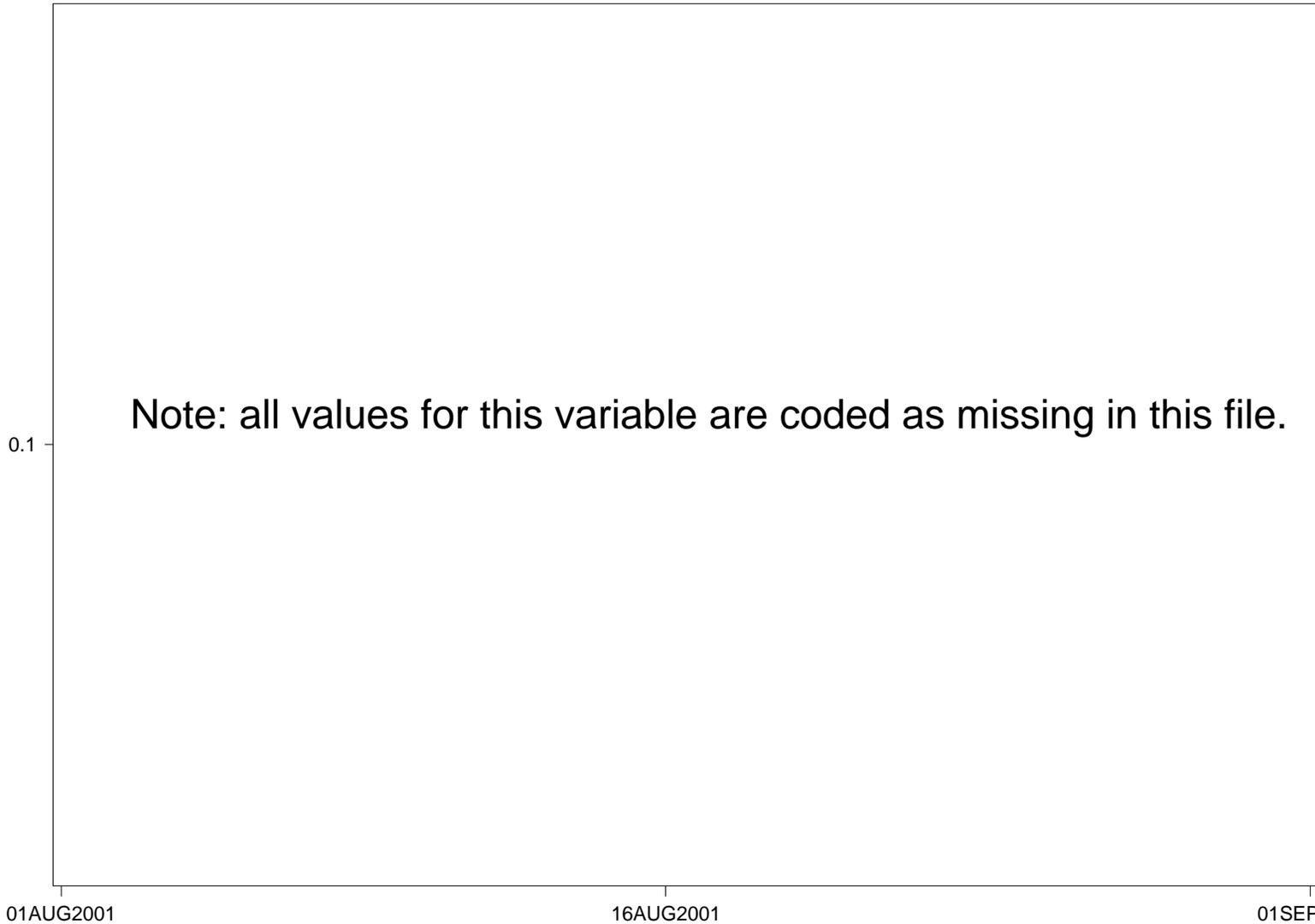
Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



Site ID: **PC01CABCT030** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Pressure: atmospheric barometric (kPa)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

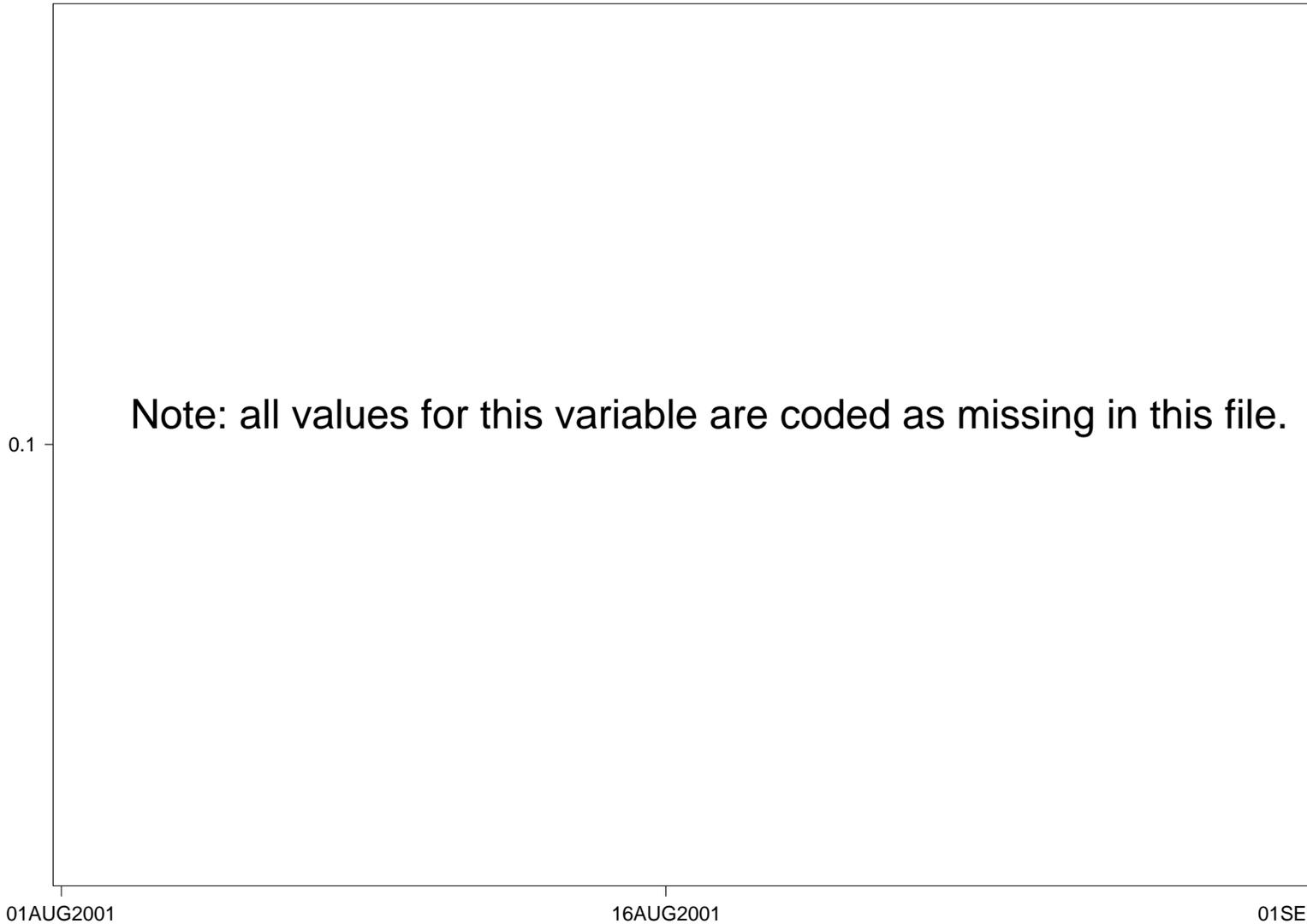
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

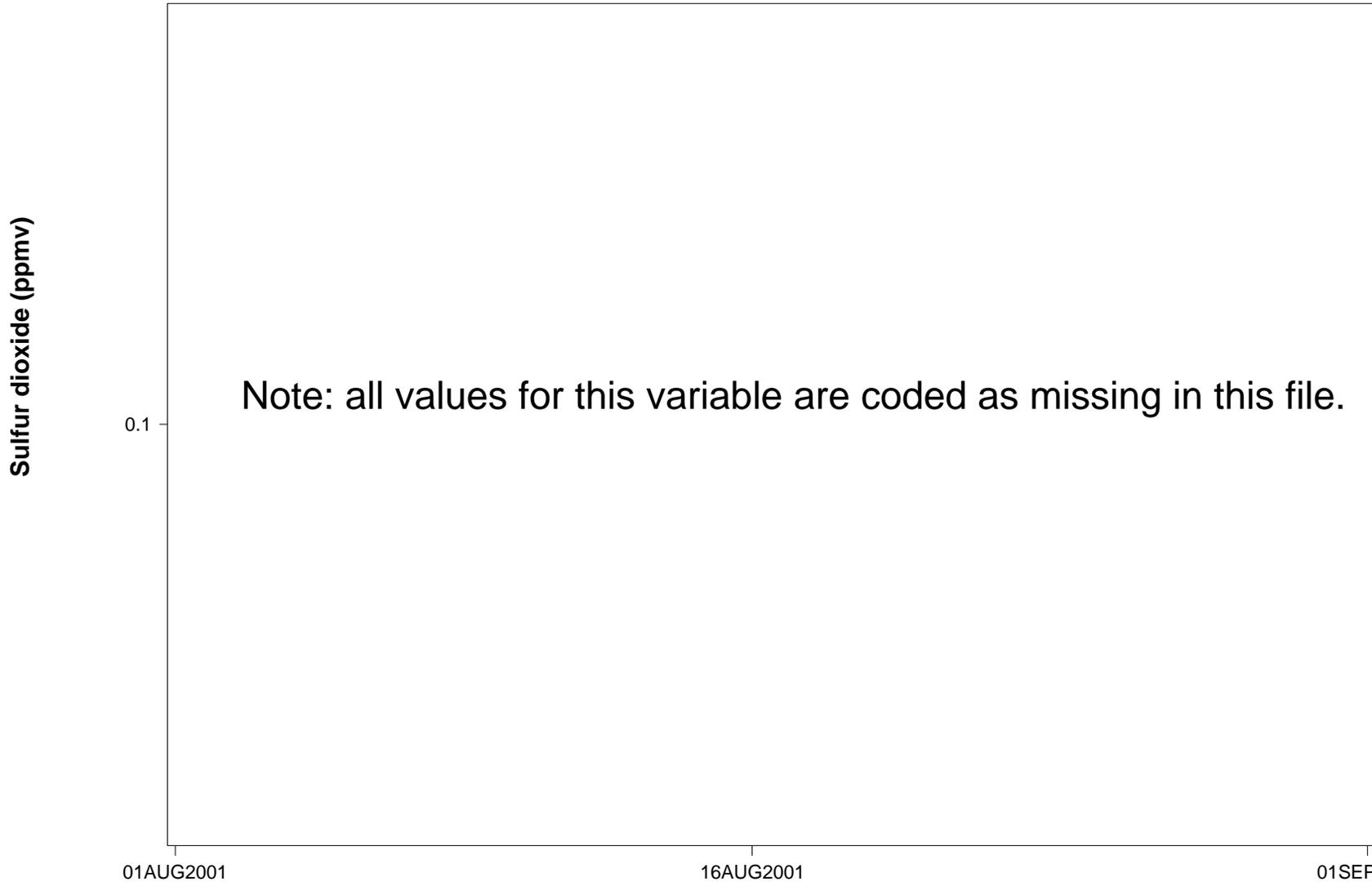
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

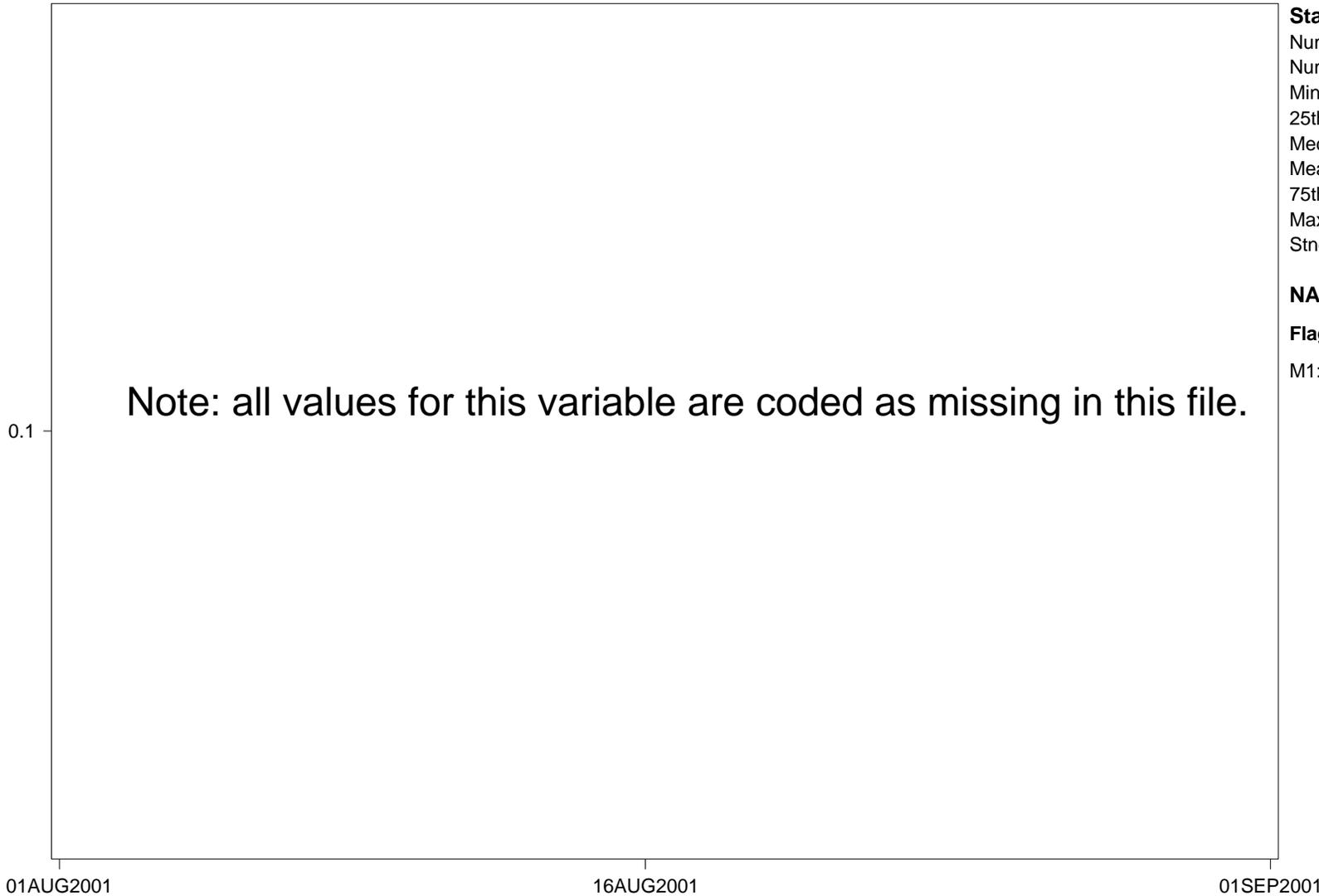
Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

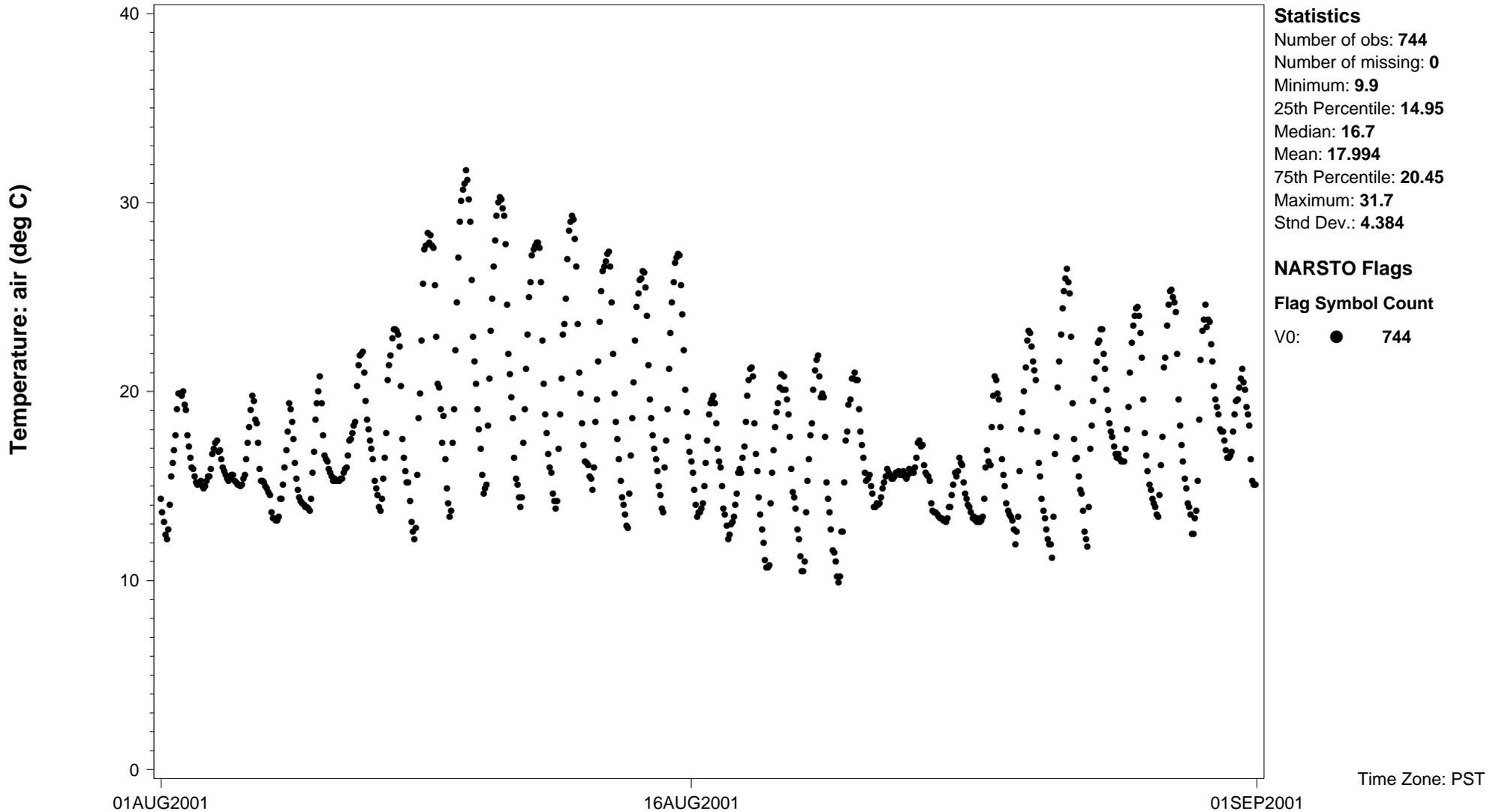
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



NAtChem Time Series Plot

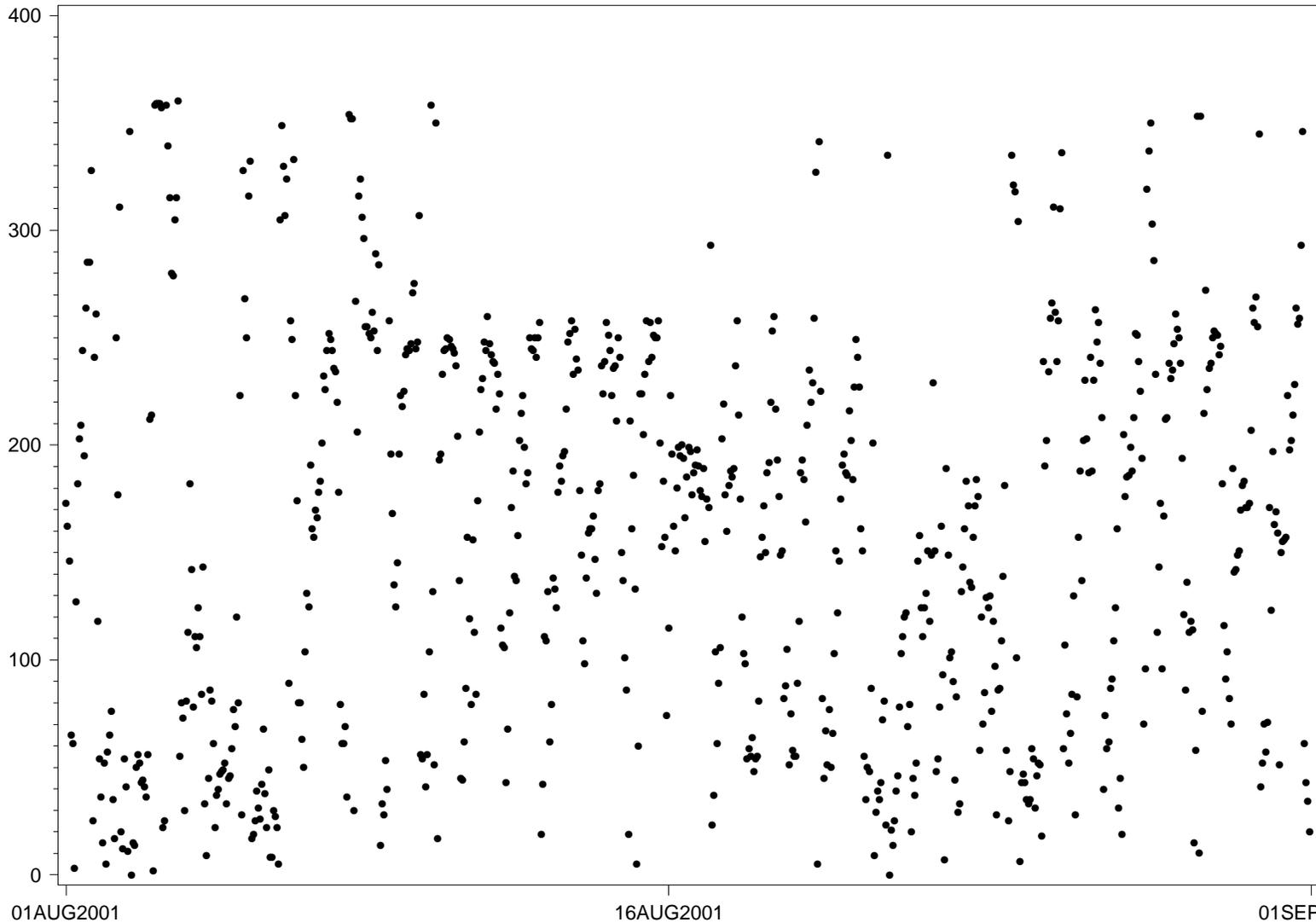
30SEP2004

Site ID: **PC01CABCT030** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **70**  
 Median: **161**  
 Mean: **155.929**  
 75th Percentile: **233**  
 Maximum: **360**  
 Stnd Dev.: **91.541**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

Time Zone: PST

NAtChem Time Series Plot

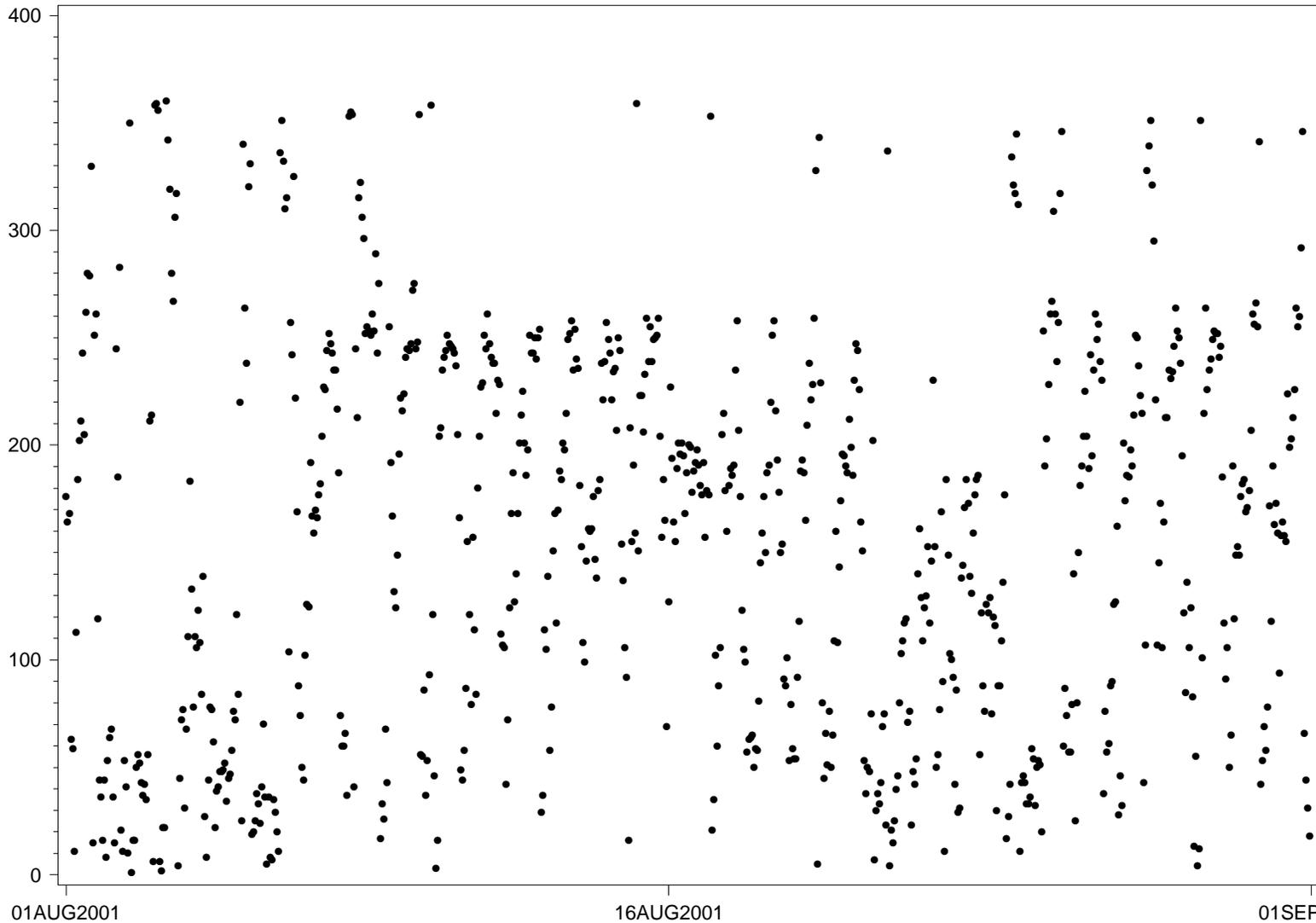
30SEP2004

Site ID: **PC01CABCT030** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **68**  
 Median: **163.5**  
 Mean: **155.011**  
 75th Percentile: **230**  
 Maximum: **360**  
 Stnd Dev.: **91.783**

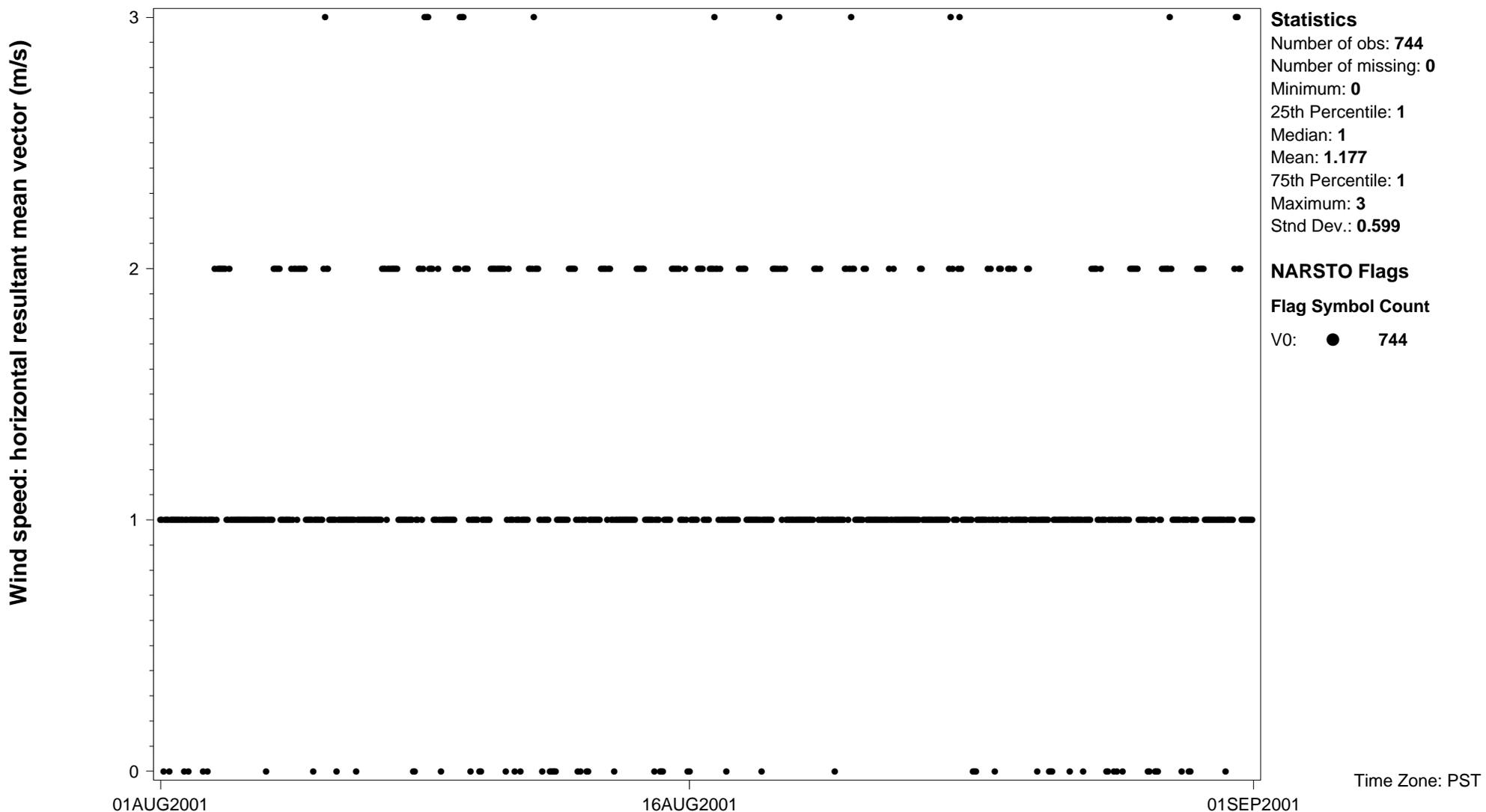
**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

Site ID: **PC01CABCT030** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



Time Zone: PST

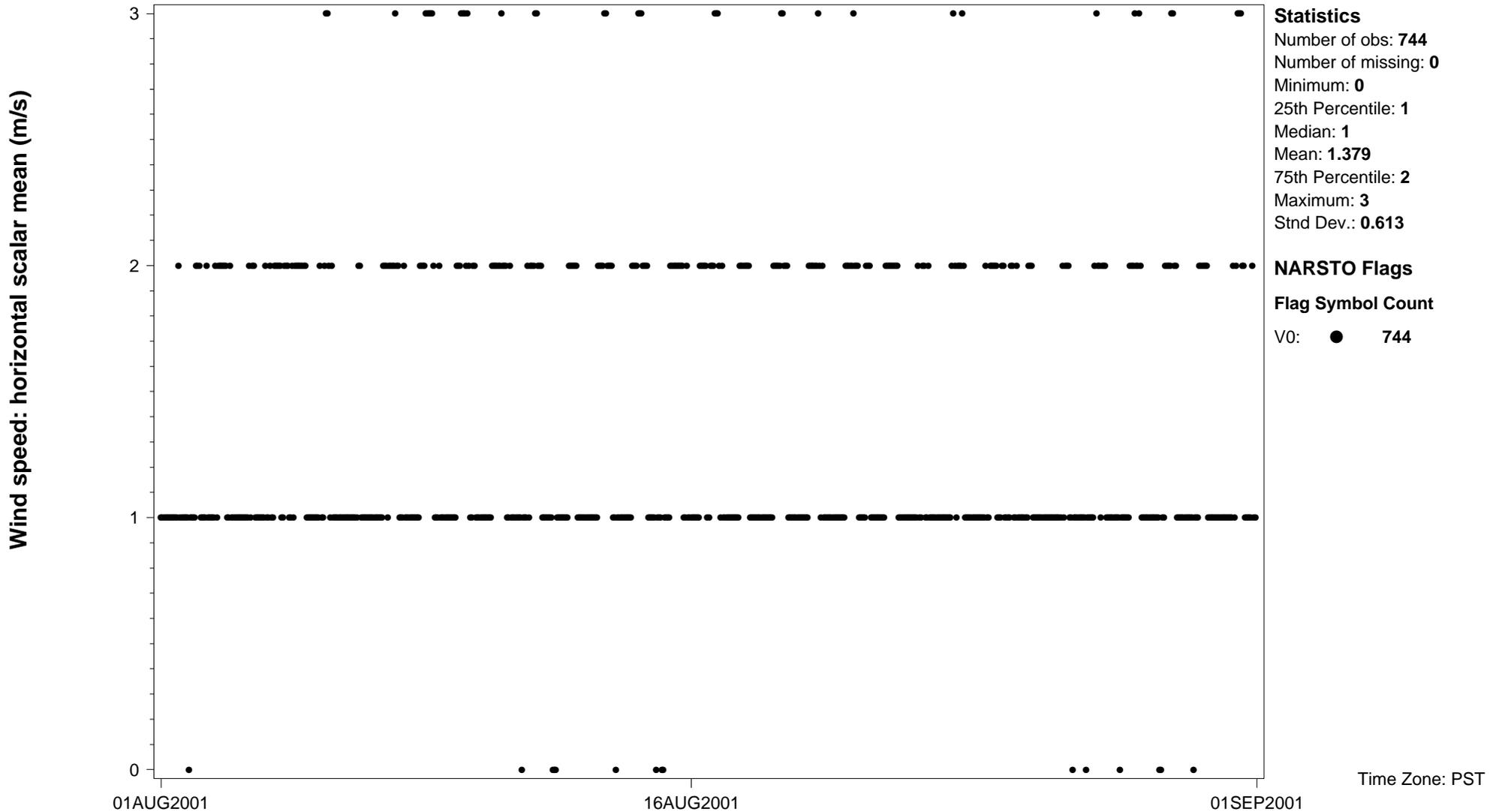
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT030** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **GOLDEN EARS ELEMENTARY SCHOOL - 23124 118th AVE. AT 231 ST. - MAPLE RIDGE, British Columbia** Latitude: **49.21472222 deg.** Longitude: **-122.5819444**



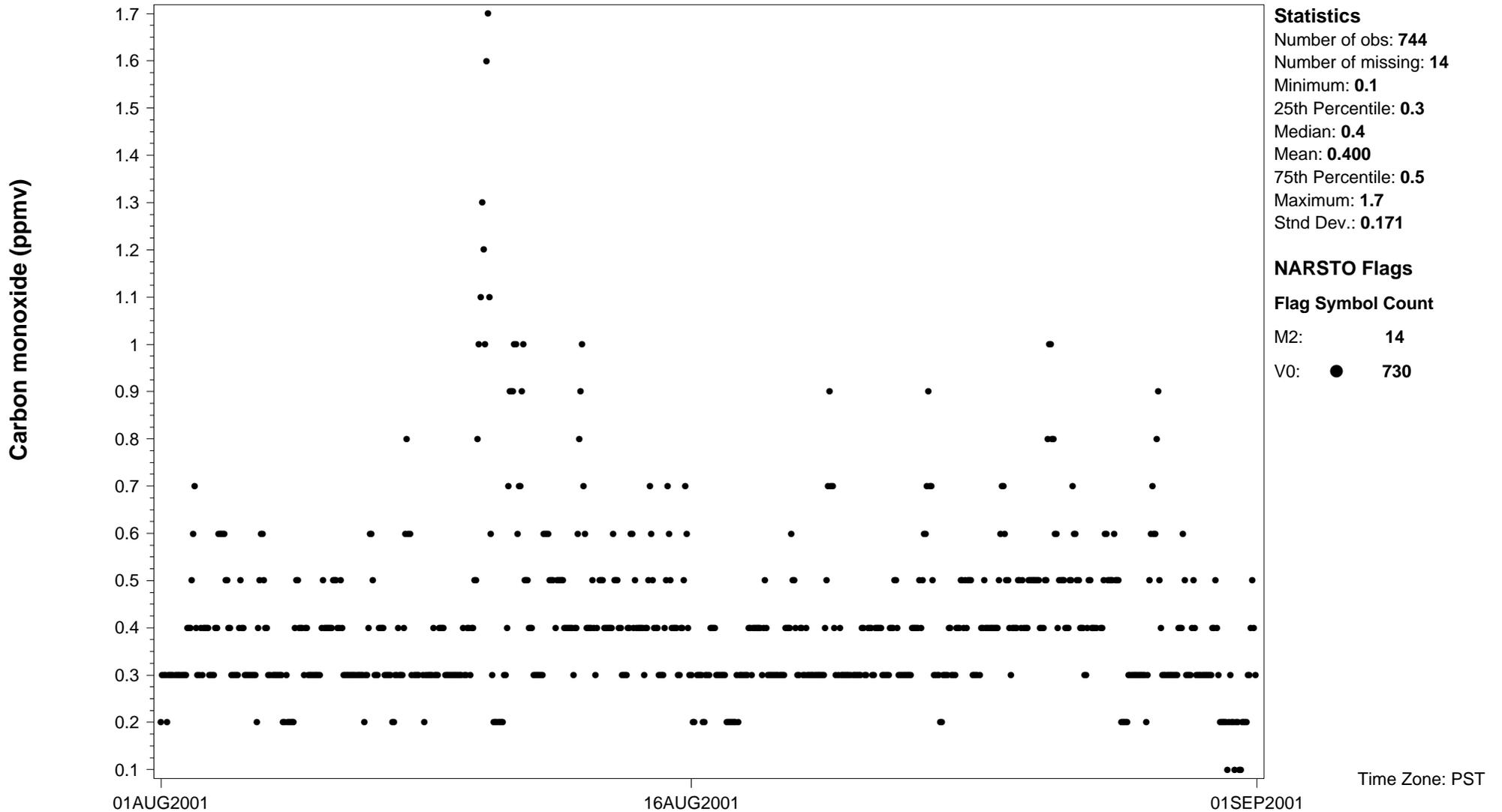
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



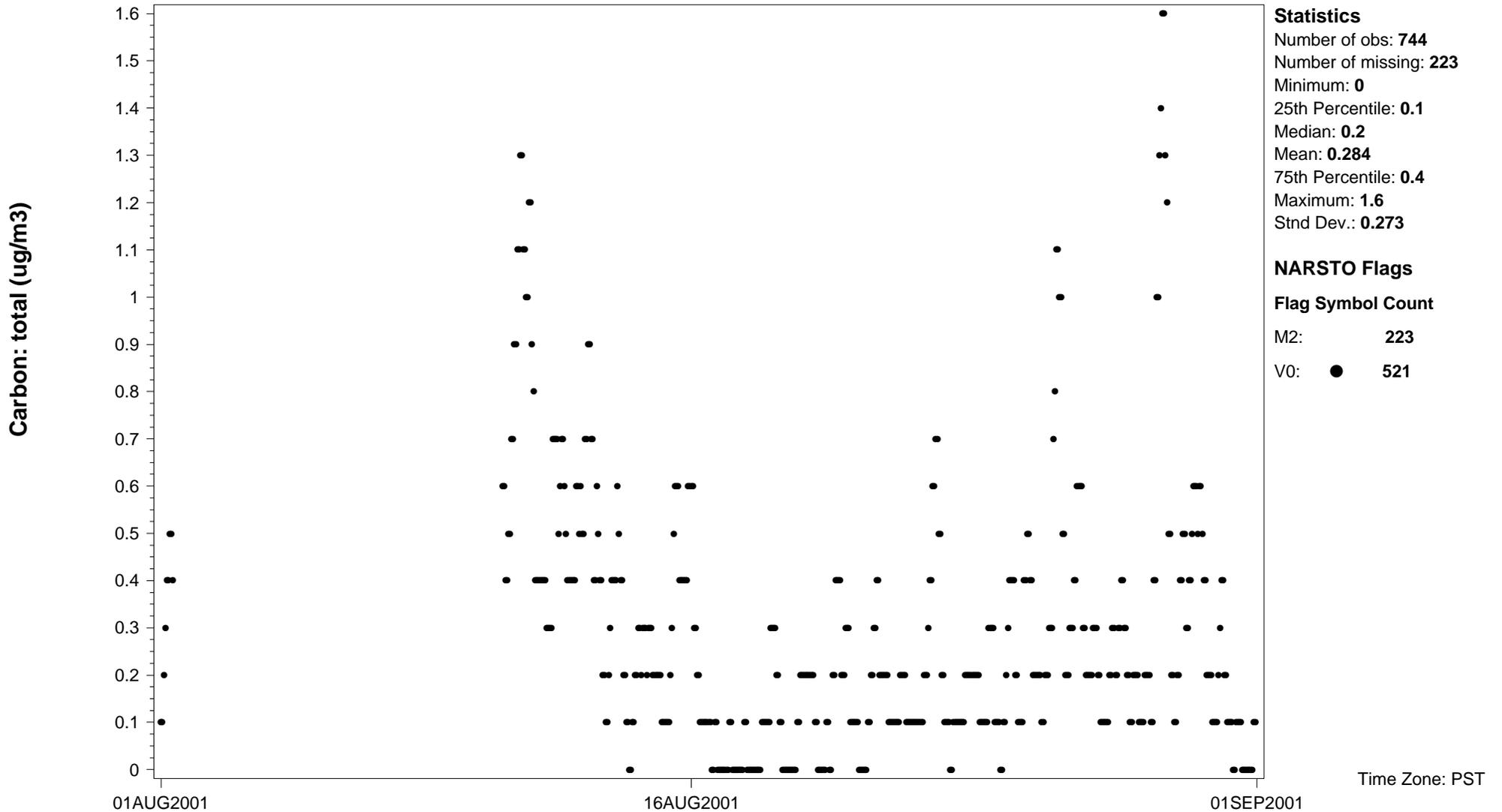
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



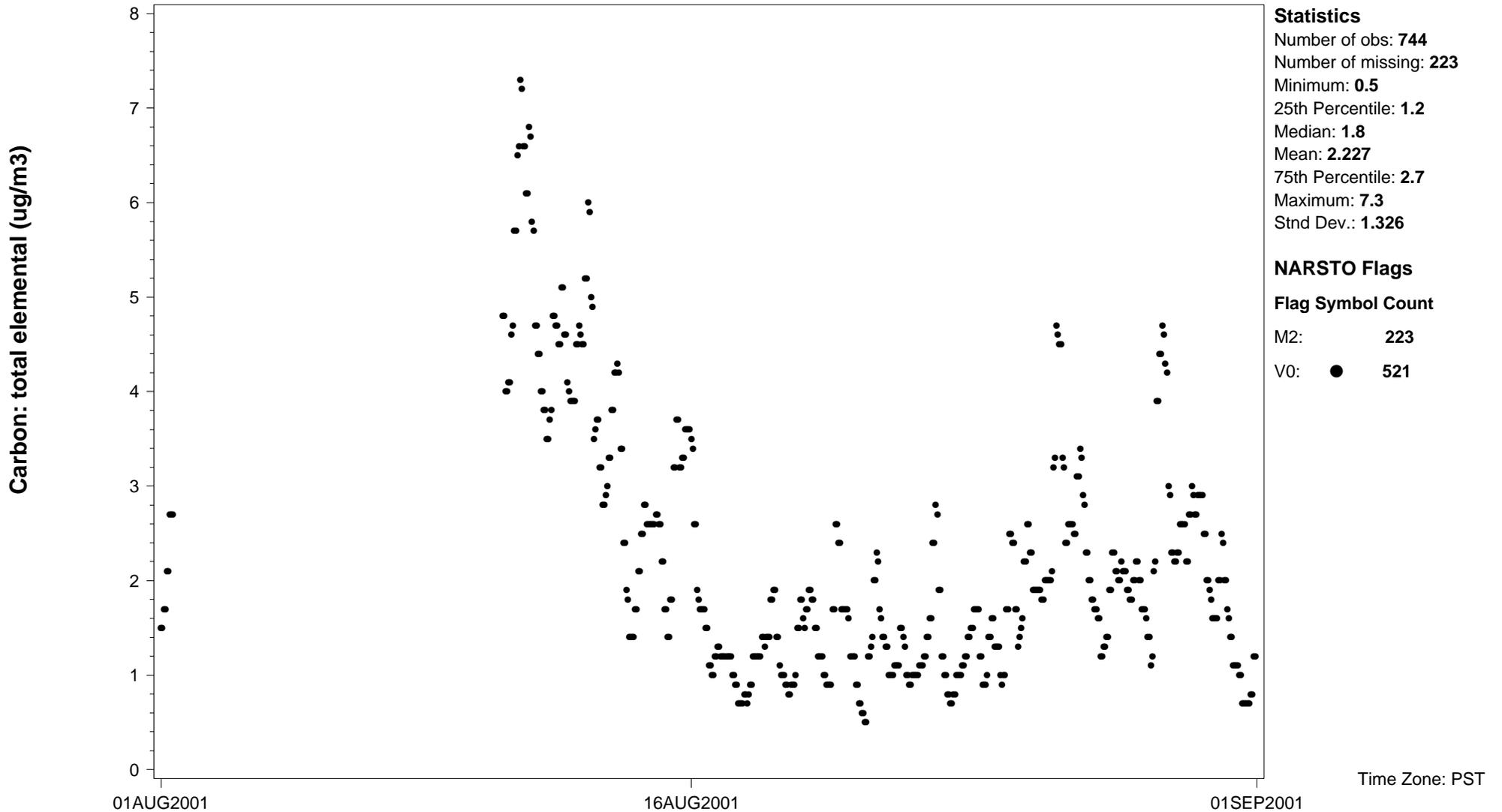
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

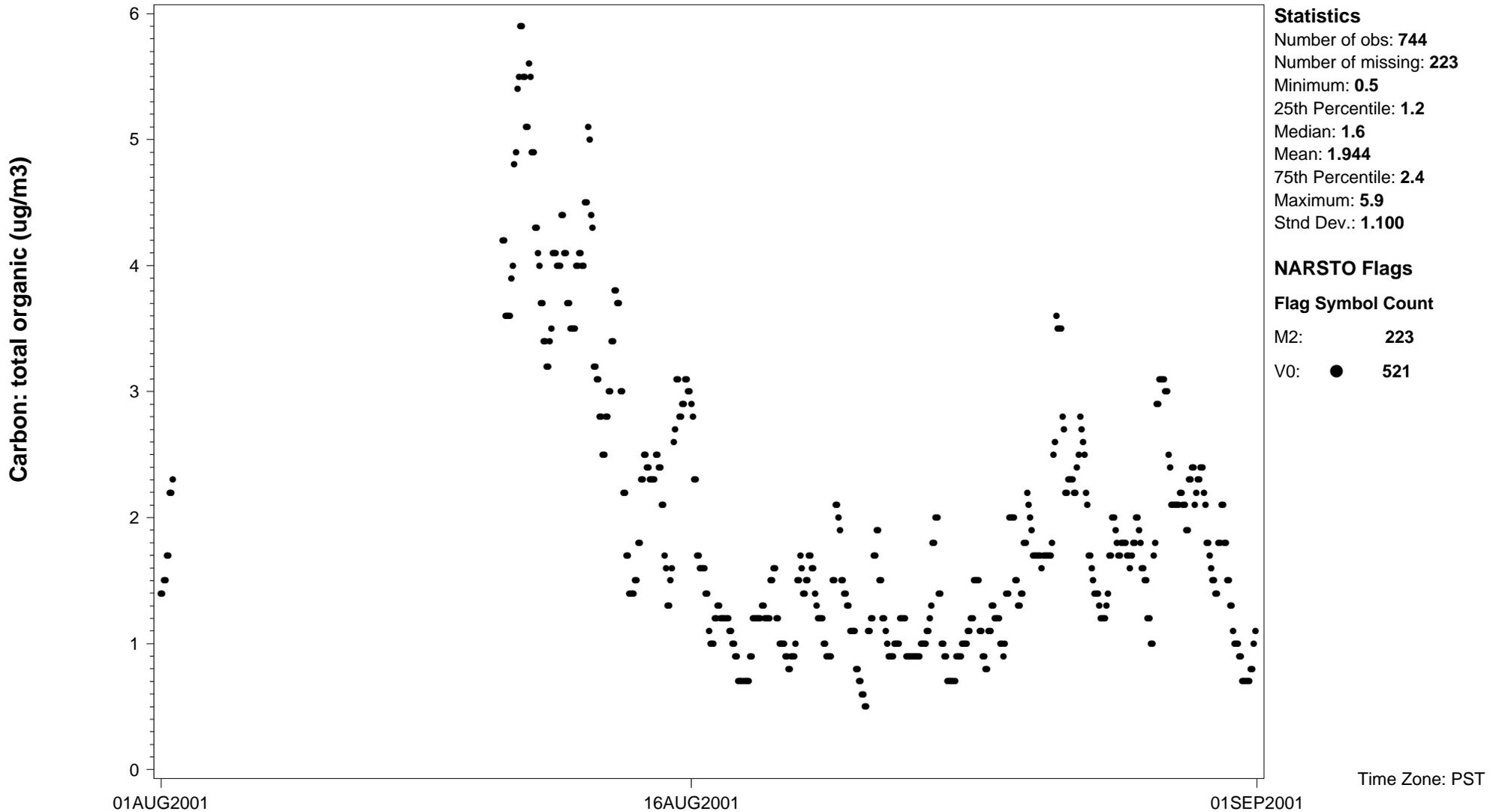


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

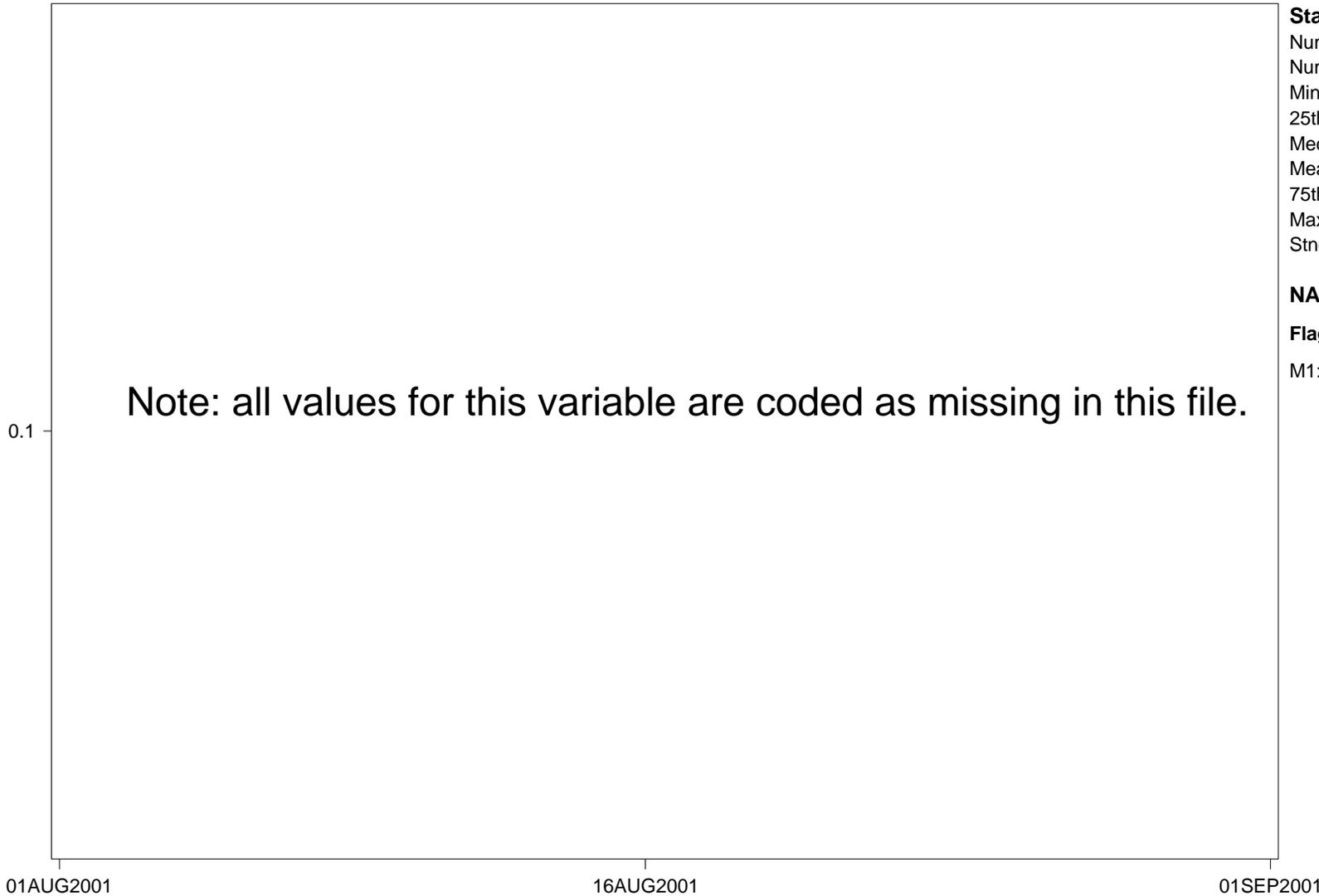


Site ID: **PC01CABCT031** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

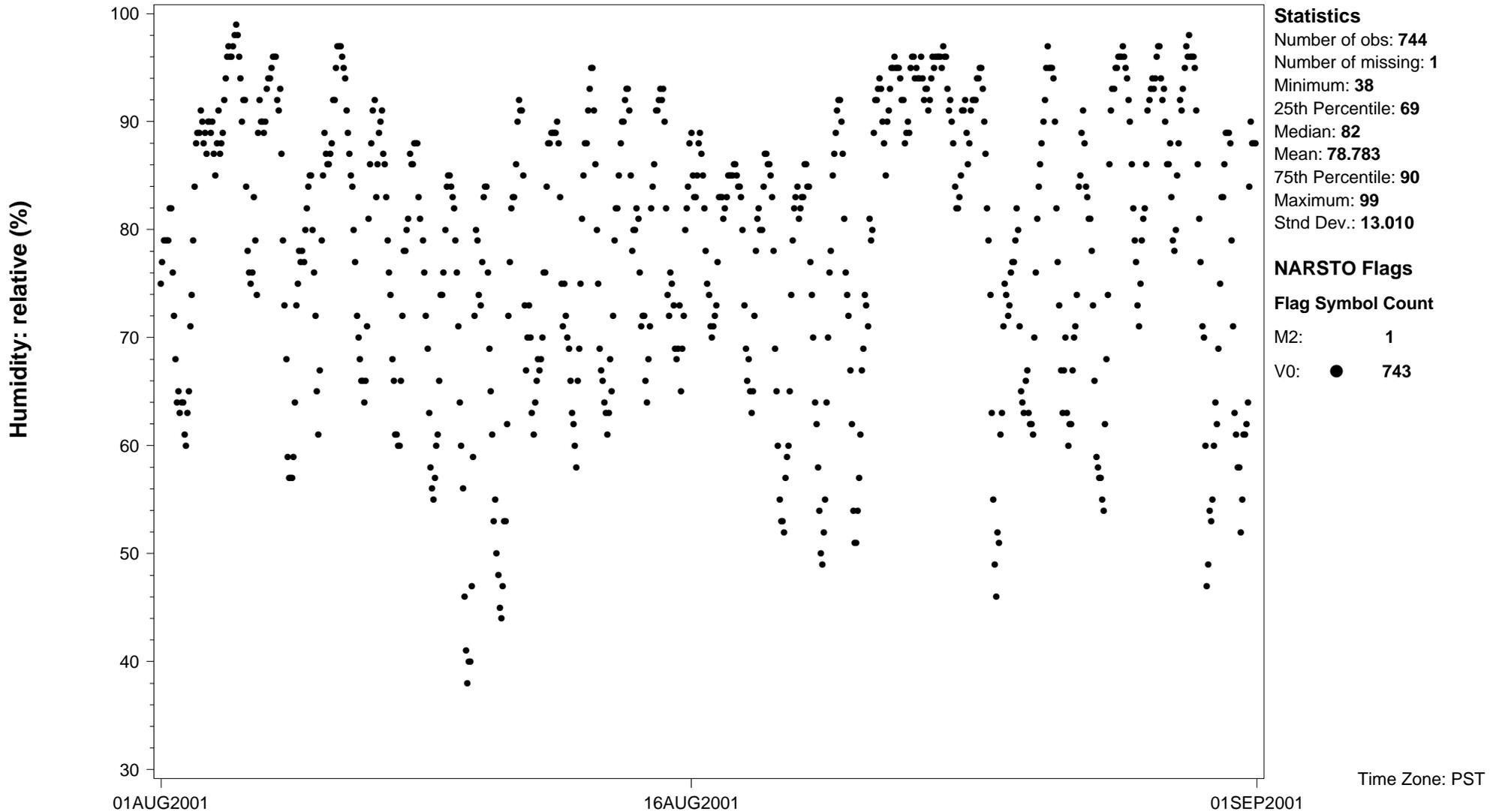
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

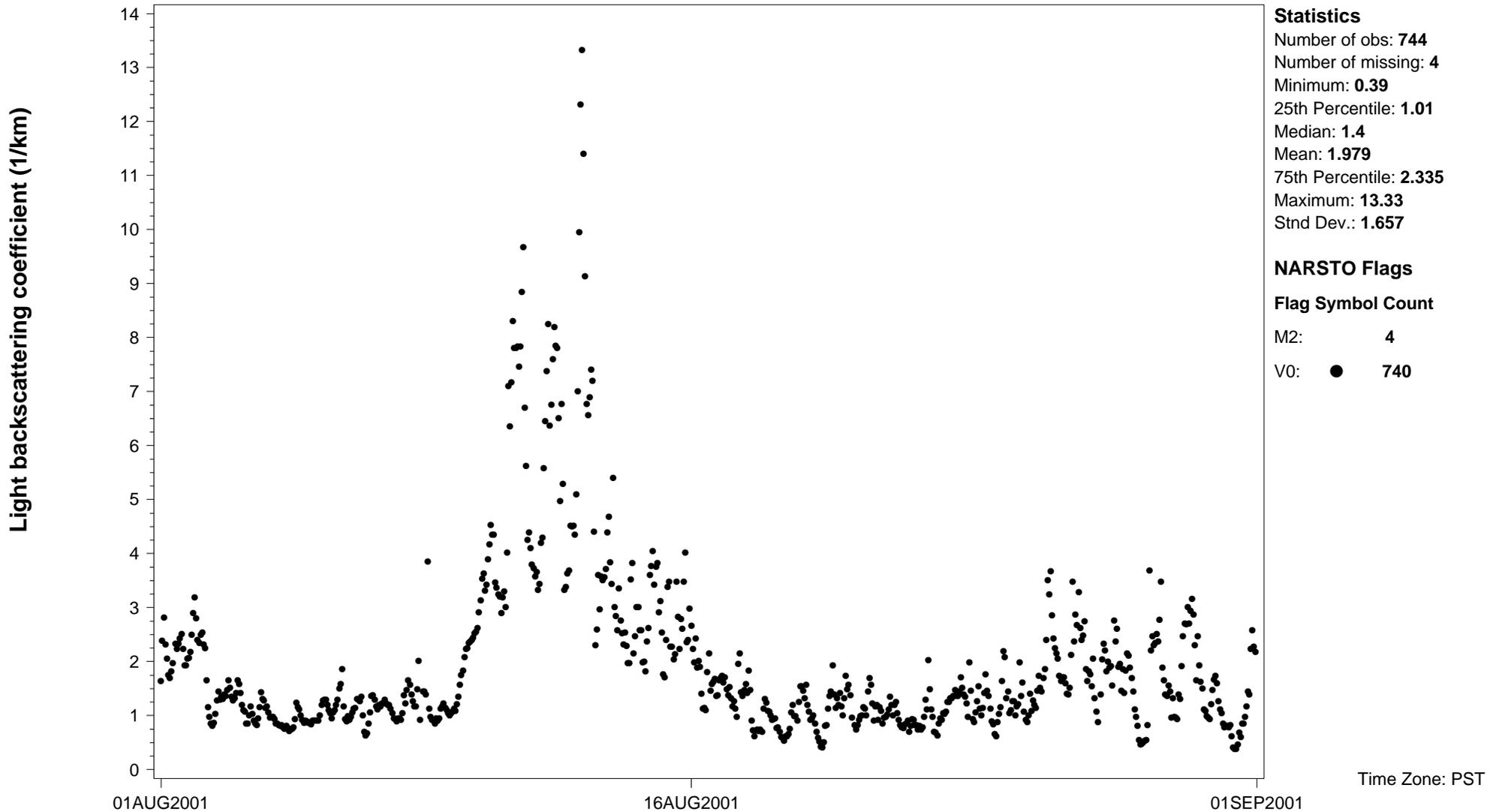
Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



Site ID: **PC01CABCT031** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



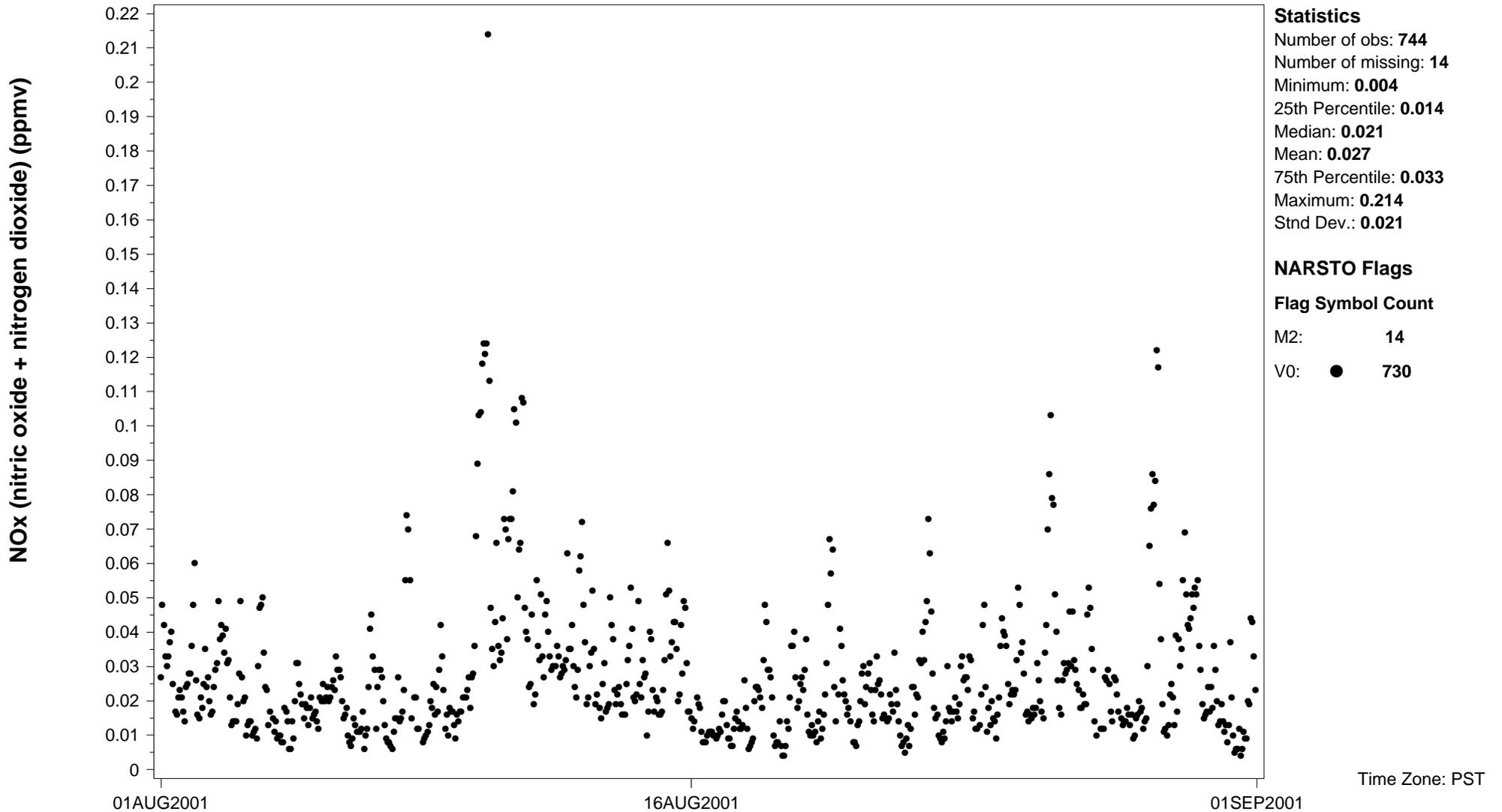
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



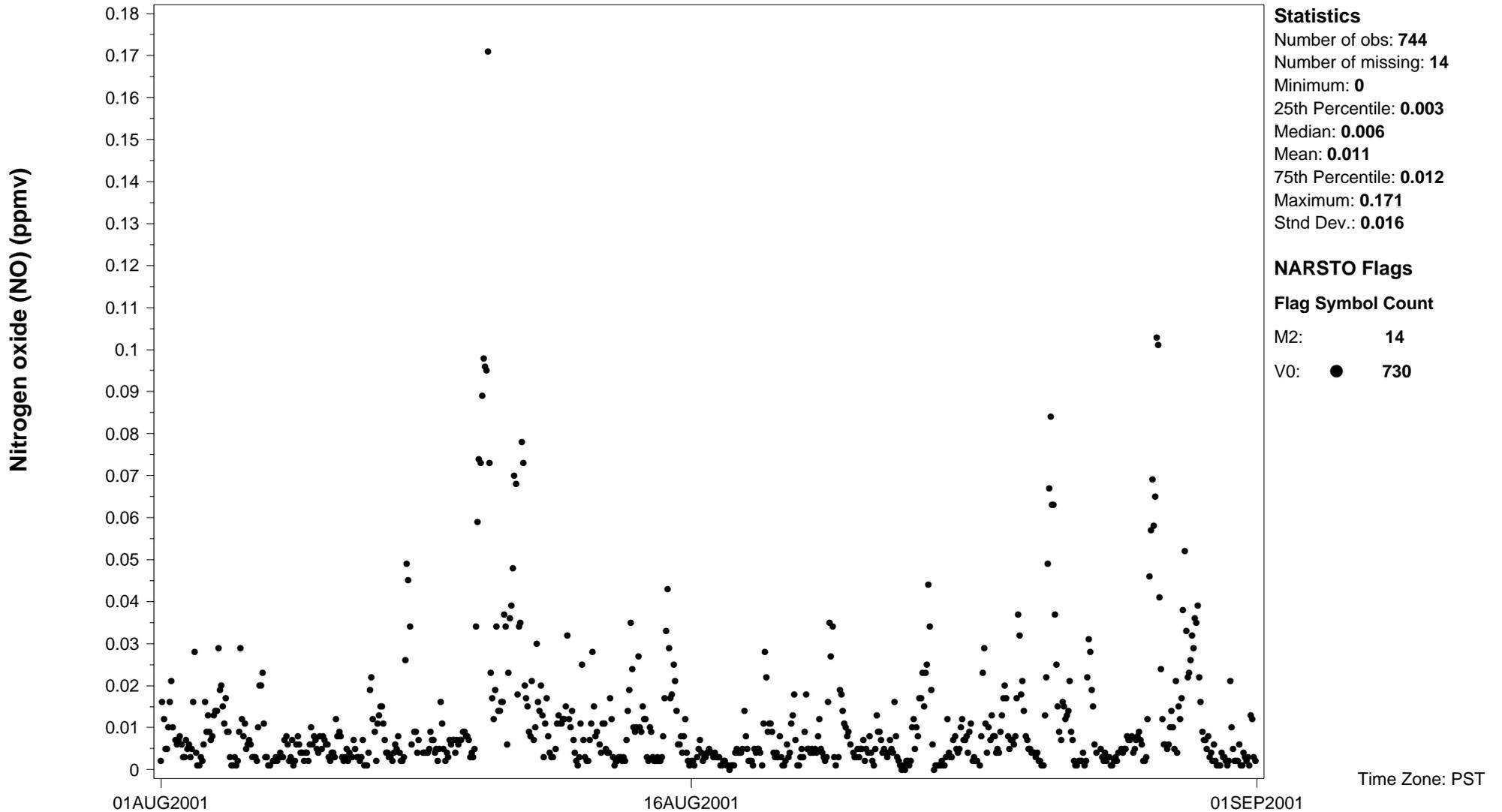
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

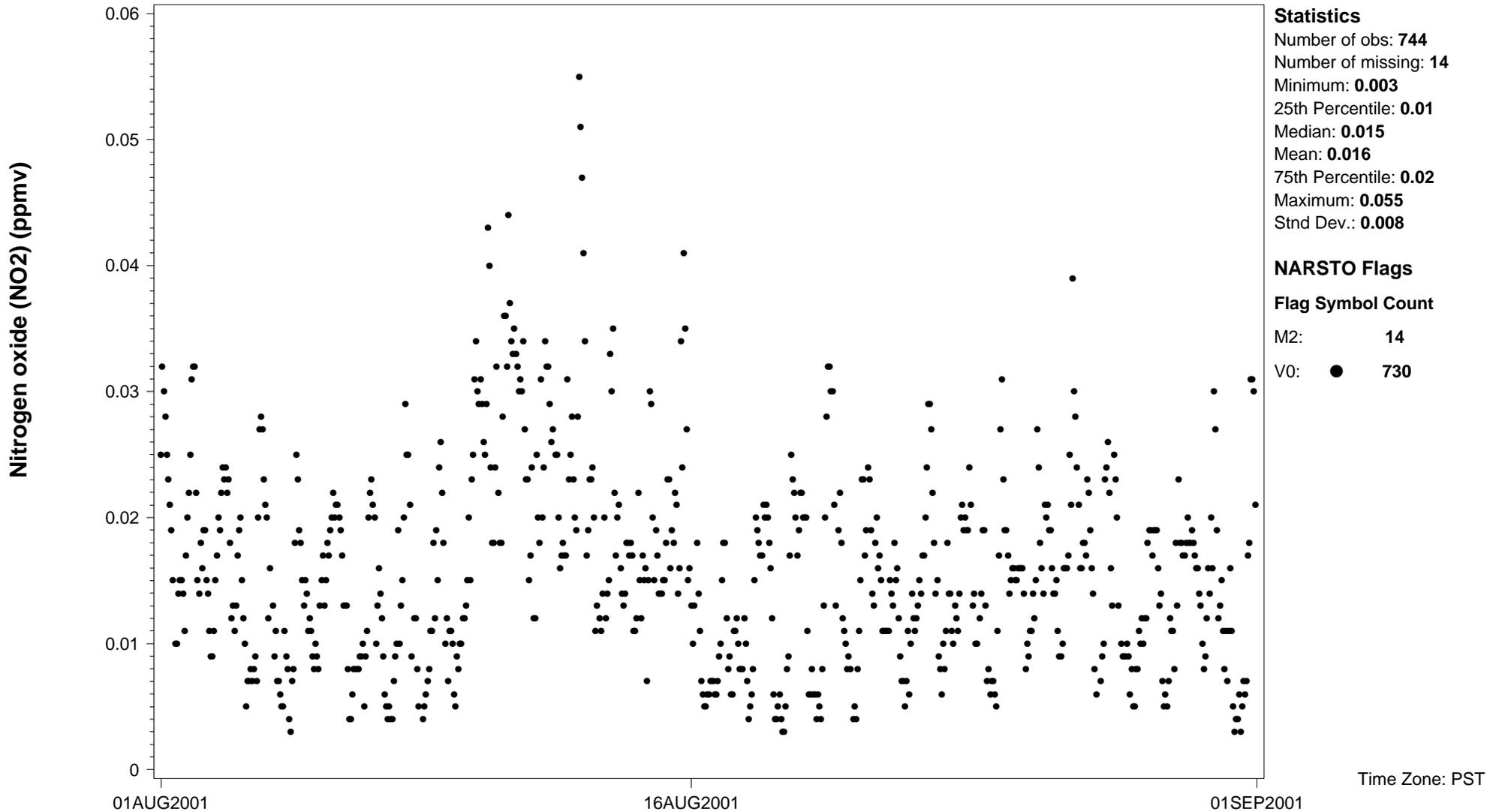


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



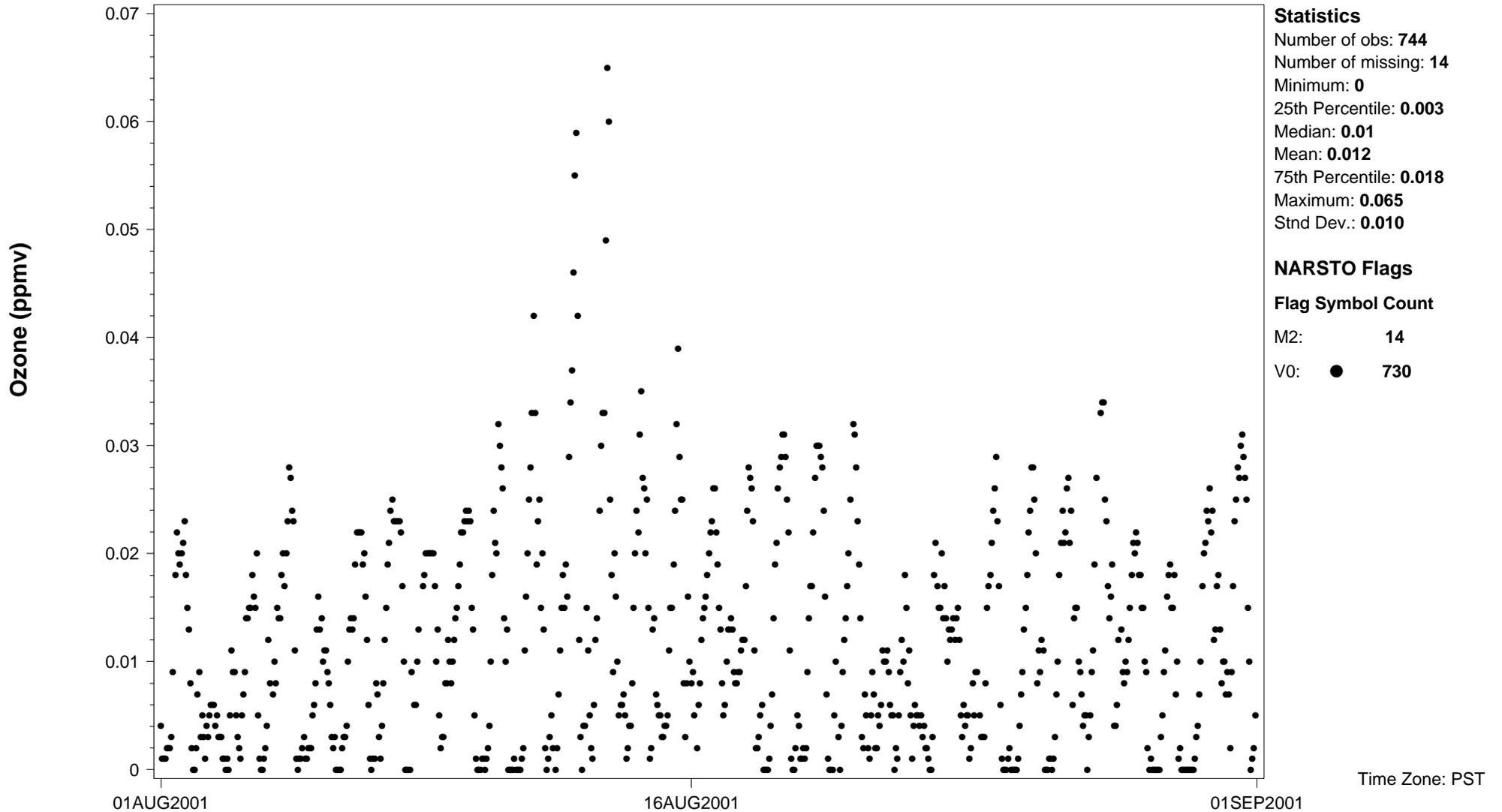
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

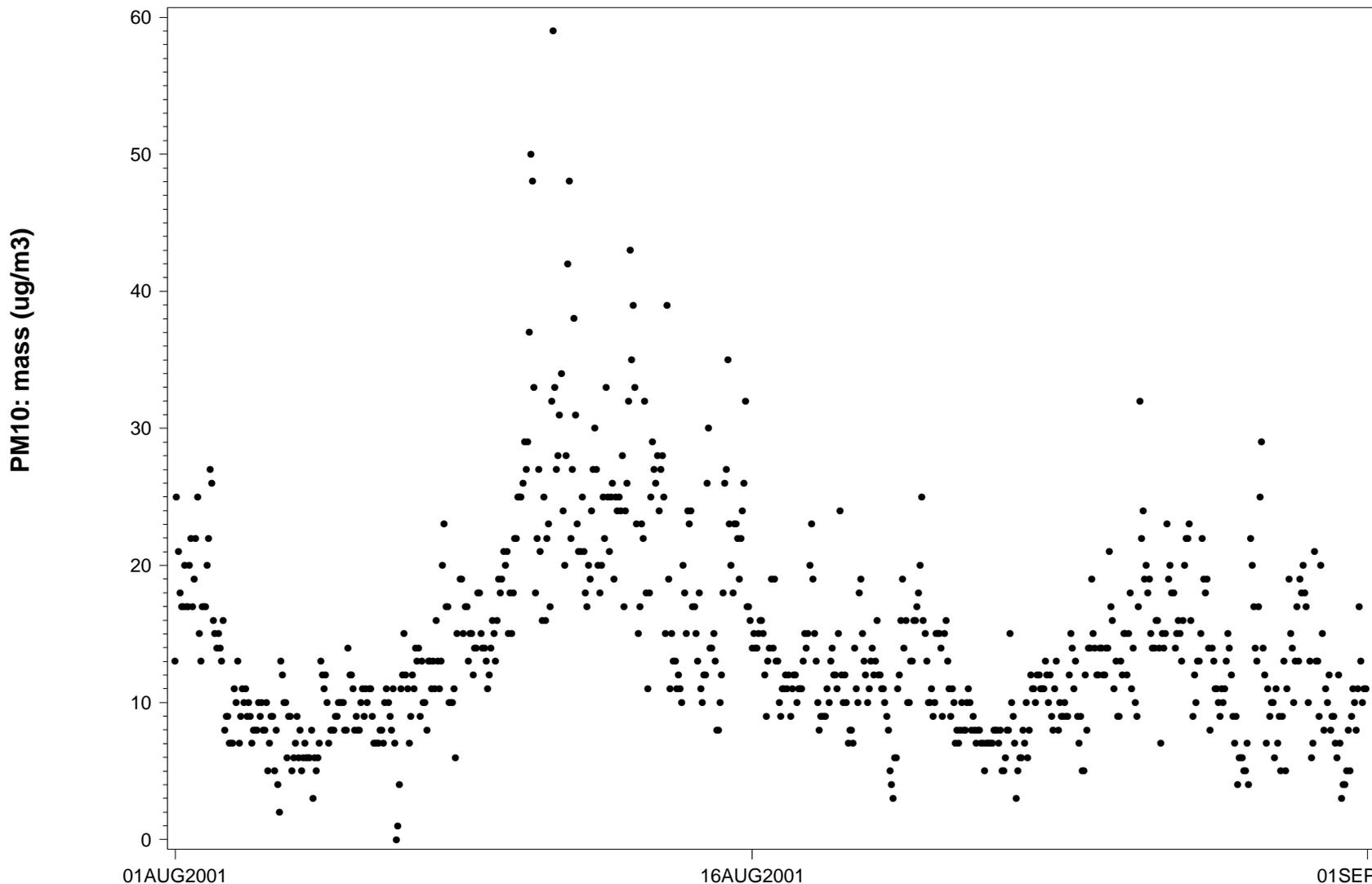
Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



Site ID: **PC01CABCT031** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **0**  
 25th Percentile: **9**  
 Median: **13**  
 Mean: **14.172**  
 75th Percentile: **17**  
 Maximum: **59**  
 Std Dev.: **7.234**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

Time Zone: PST

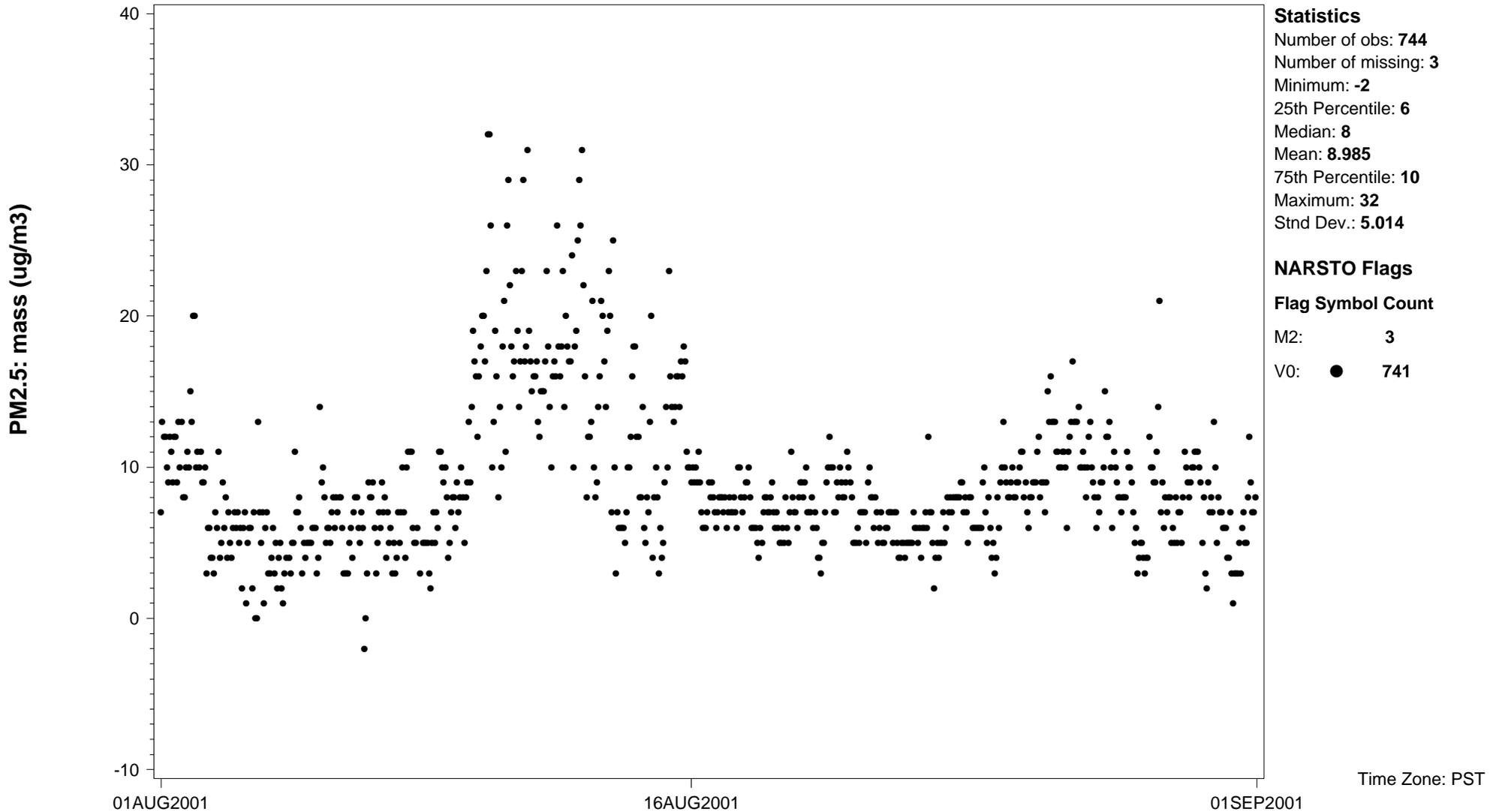
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



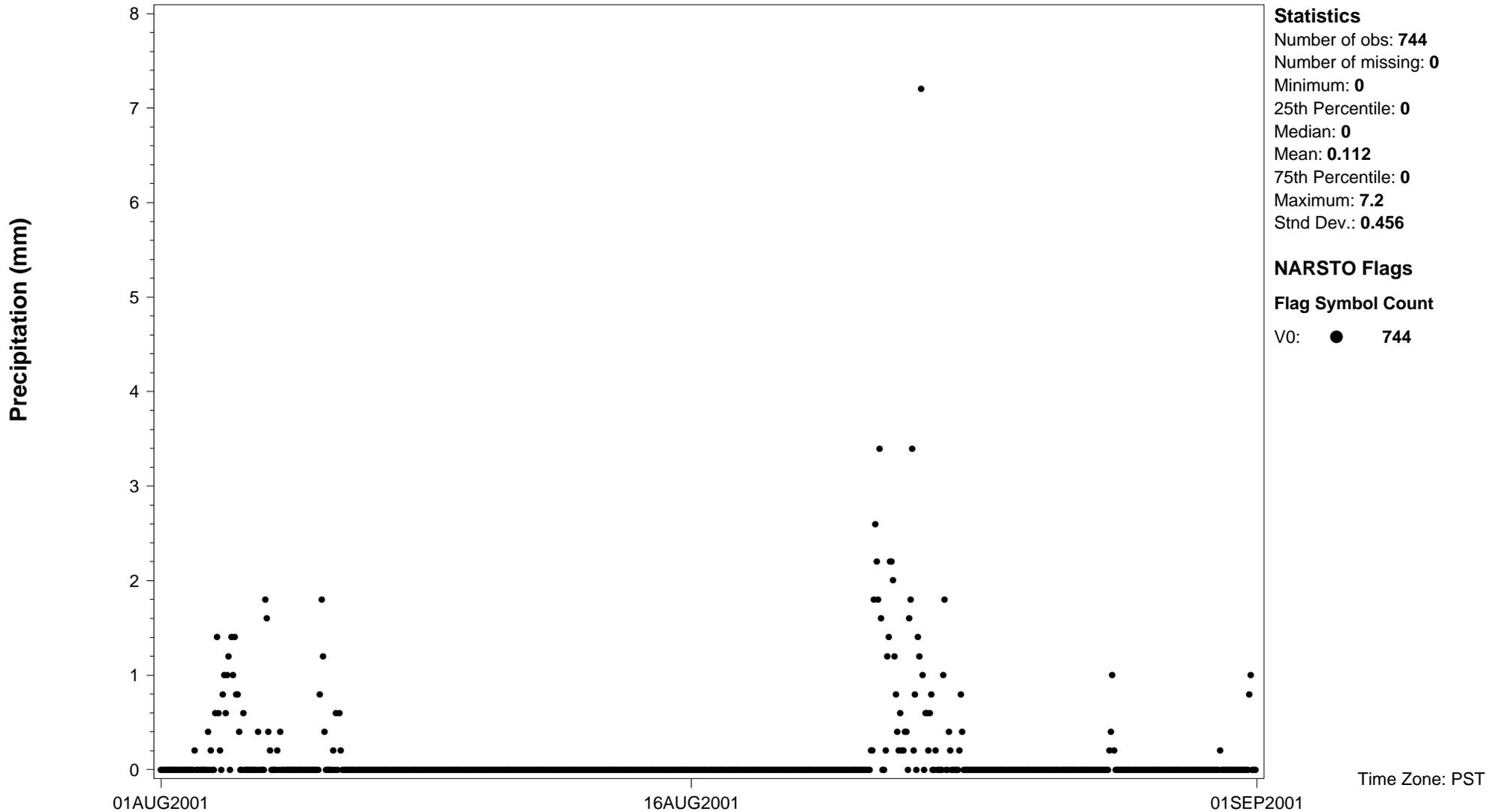
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

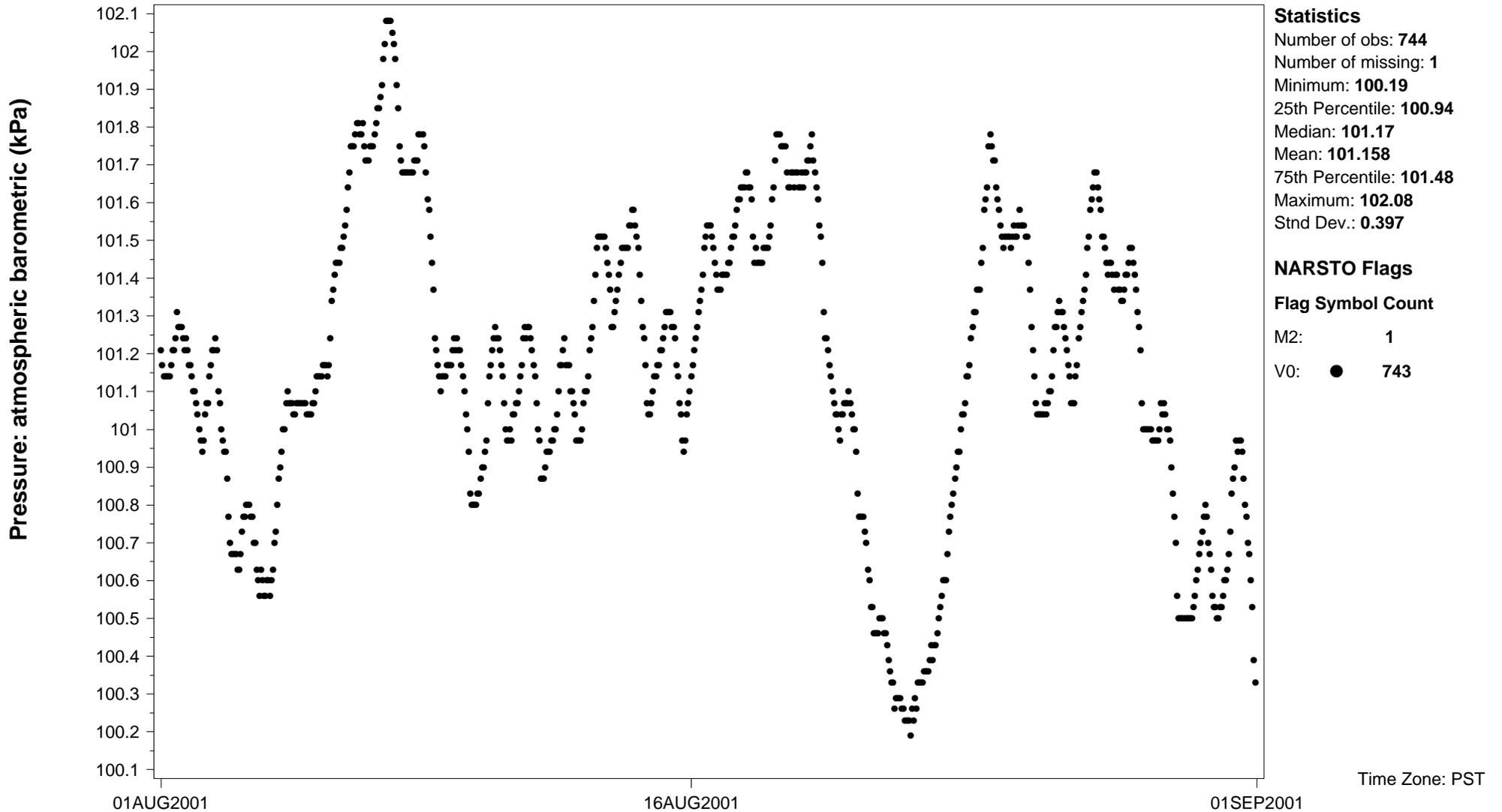
Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



Site ID: **PC01CABCT031** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

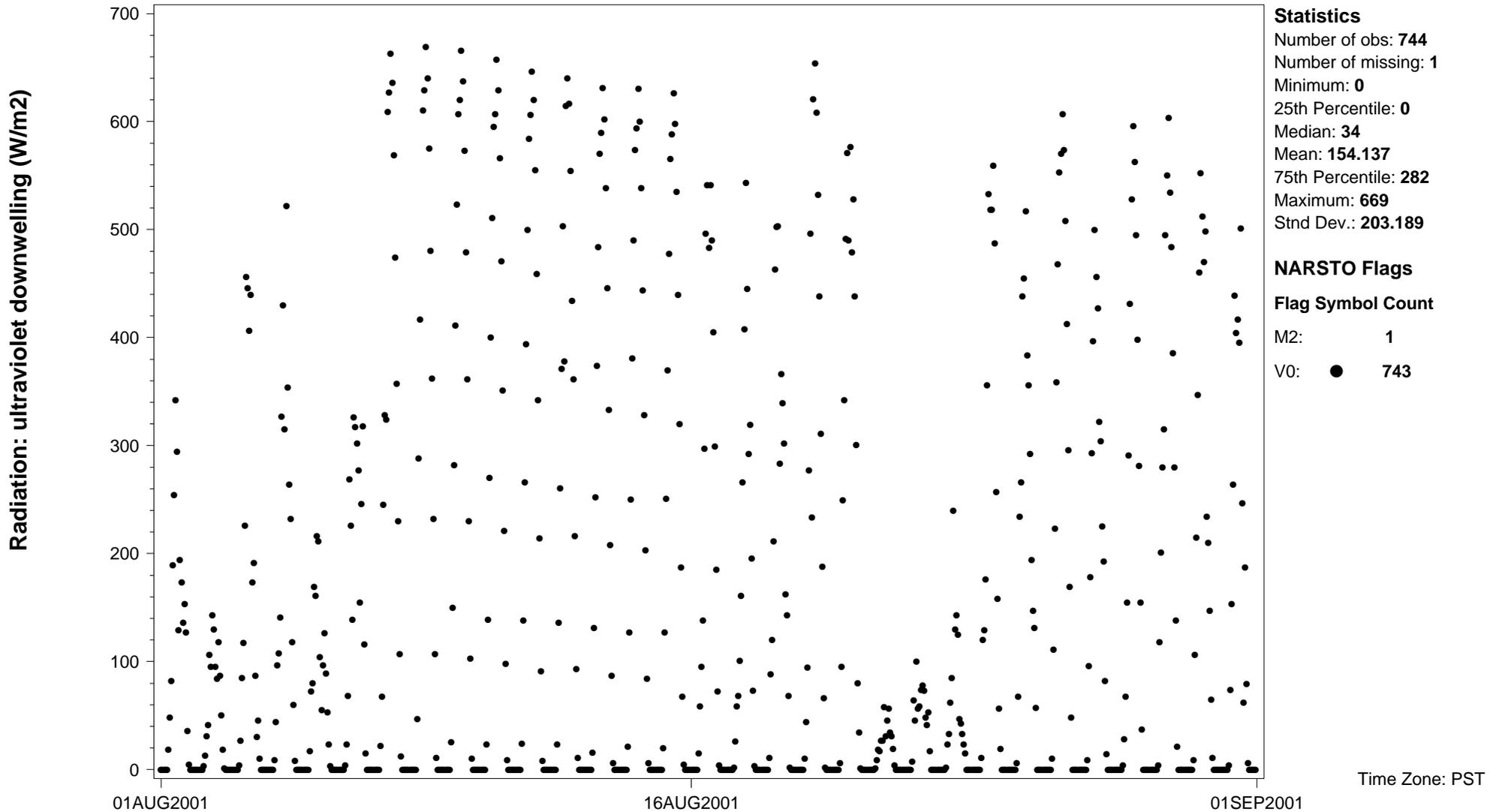


NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

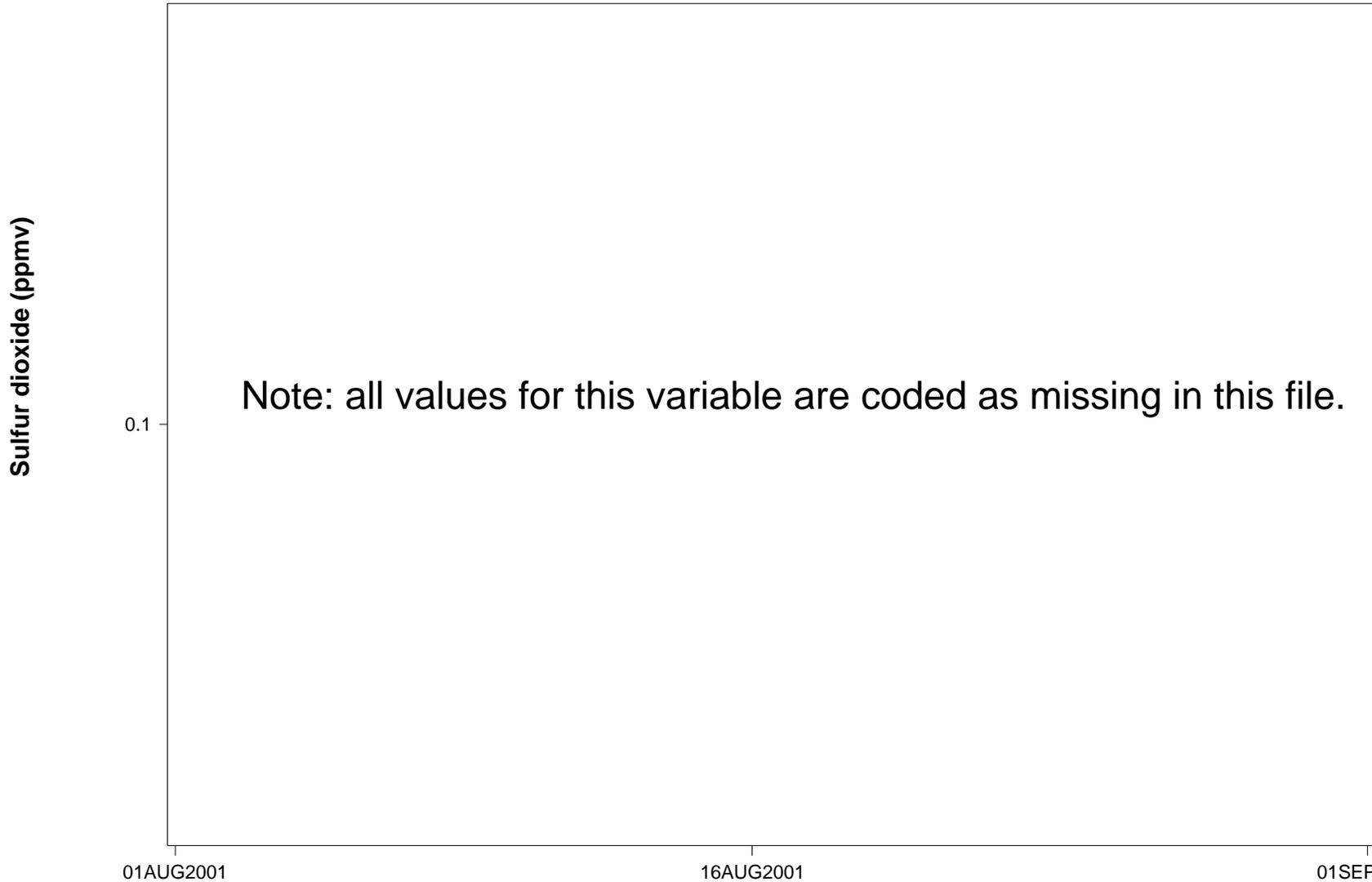
Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



Site ID: **PC01CABCT031** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **744**

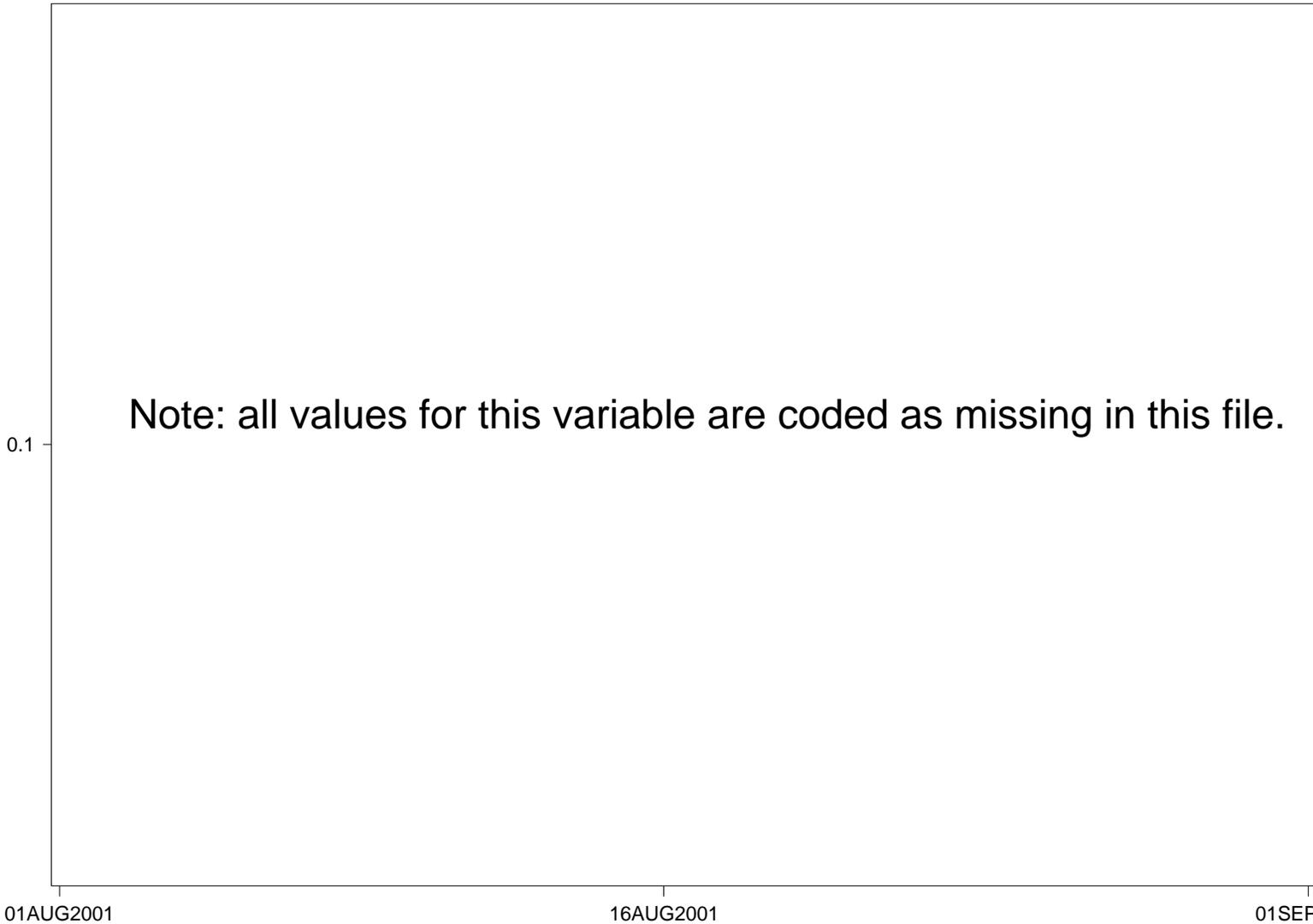
Time Zone: PST

Site ID: **PC01CABCT031** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

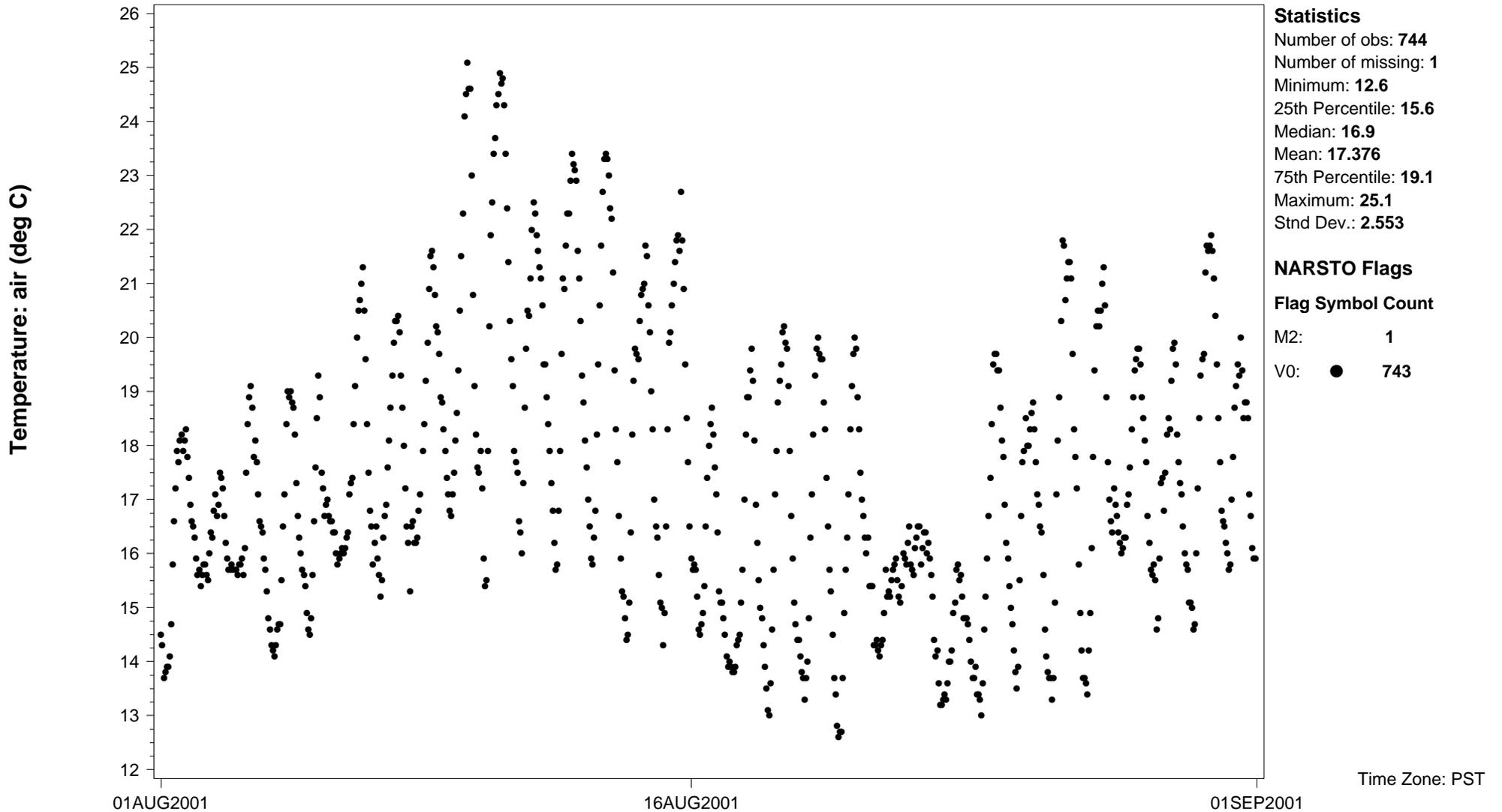
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT031** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



NAtChem Time Series Plot

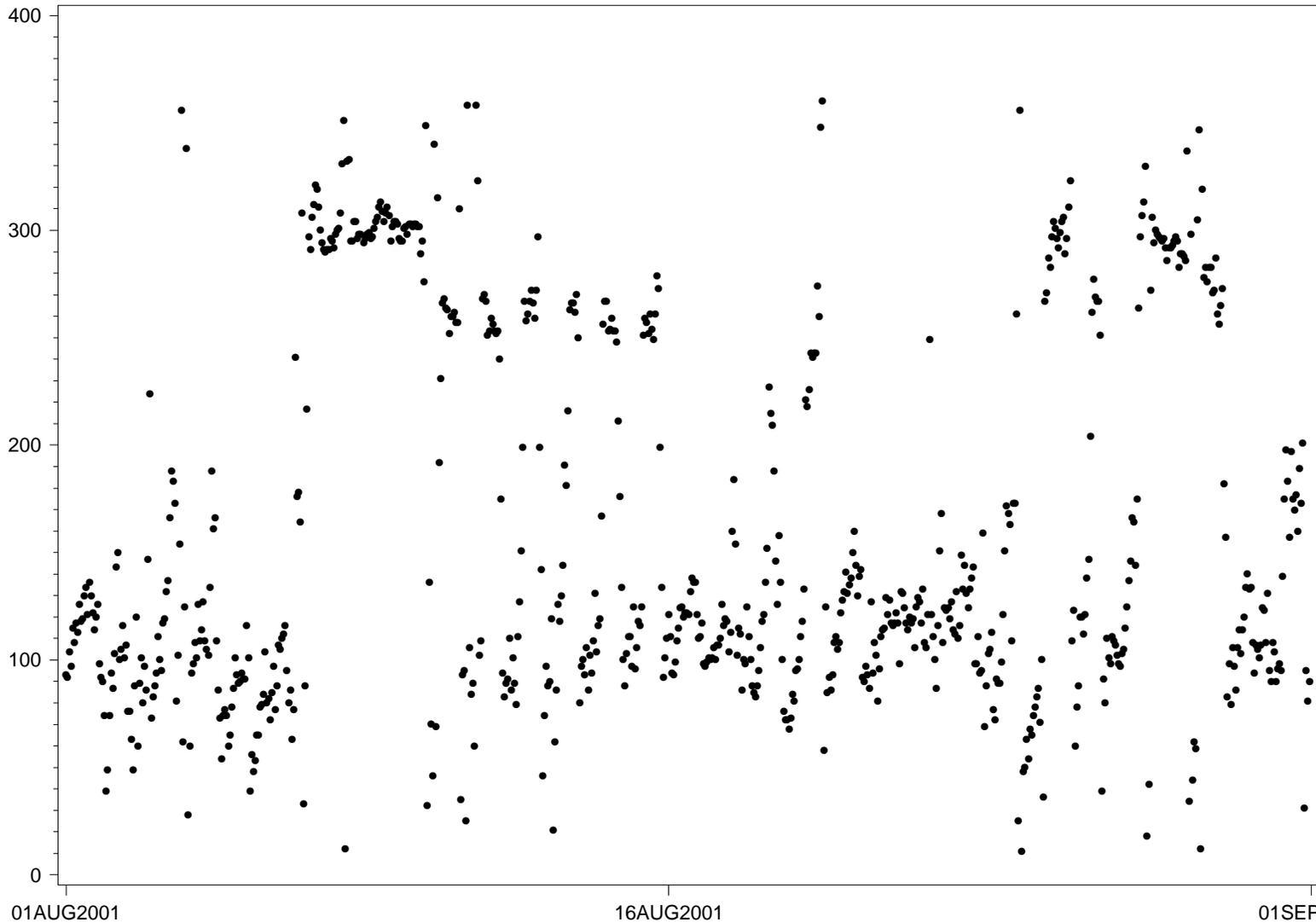
30SEP2004

Site ID: **PC01CABCT031** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **11**  
 25th Percentile: **97**  
 Median: **121**  
 Mean: **160.902**  
 75th Percentile: **256**  
 Maximum: **360**  
 Stnd Dev.: **87.002**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

Time Zone: PST

NAtChem Time Series Plot

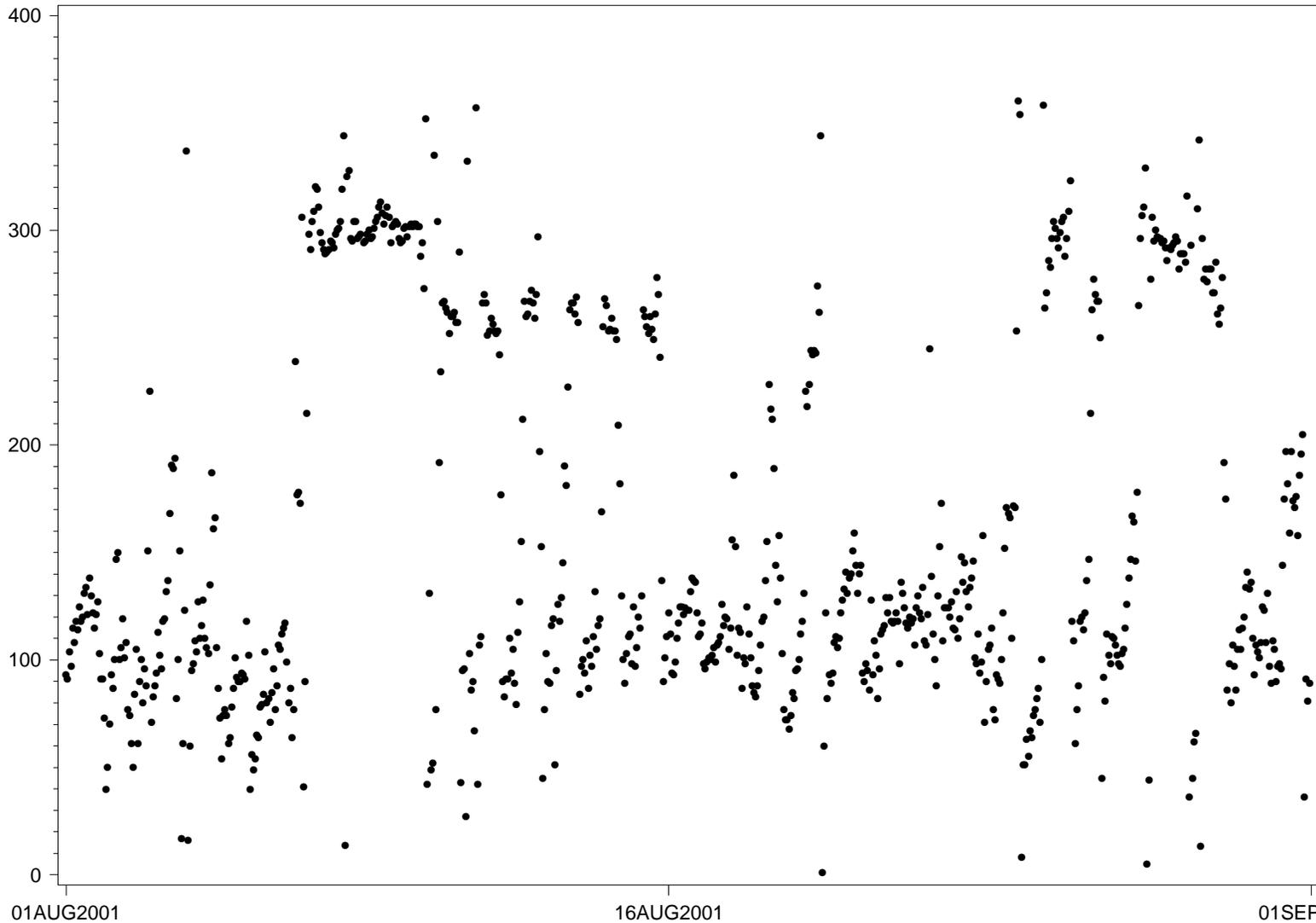
30SEP2004

Site ID: **PC01CABCT031** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:

Wind direction: horizontal resultant mean vector (decimal degree)



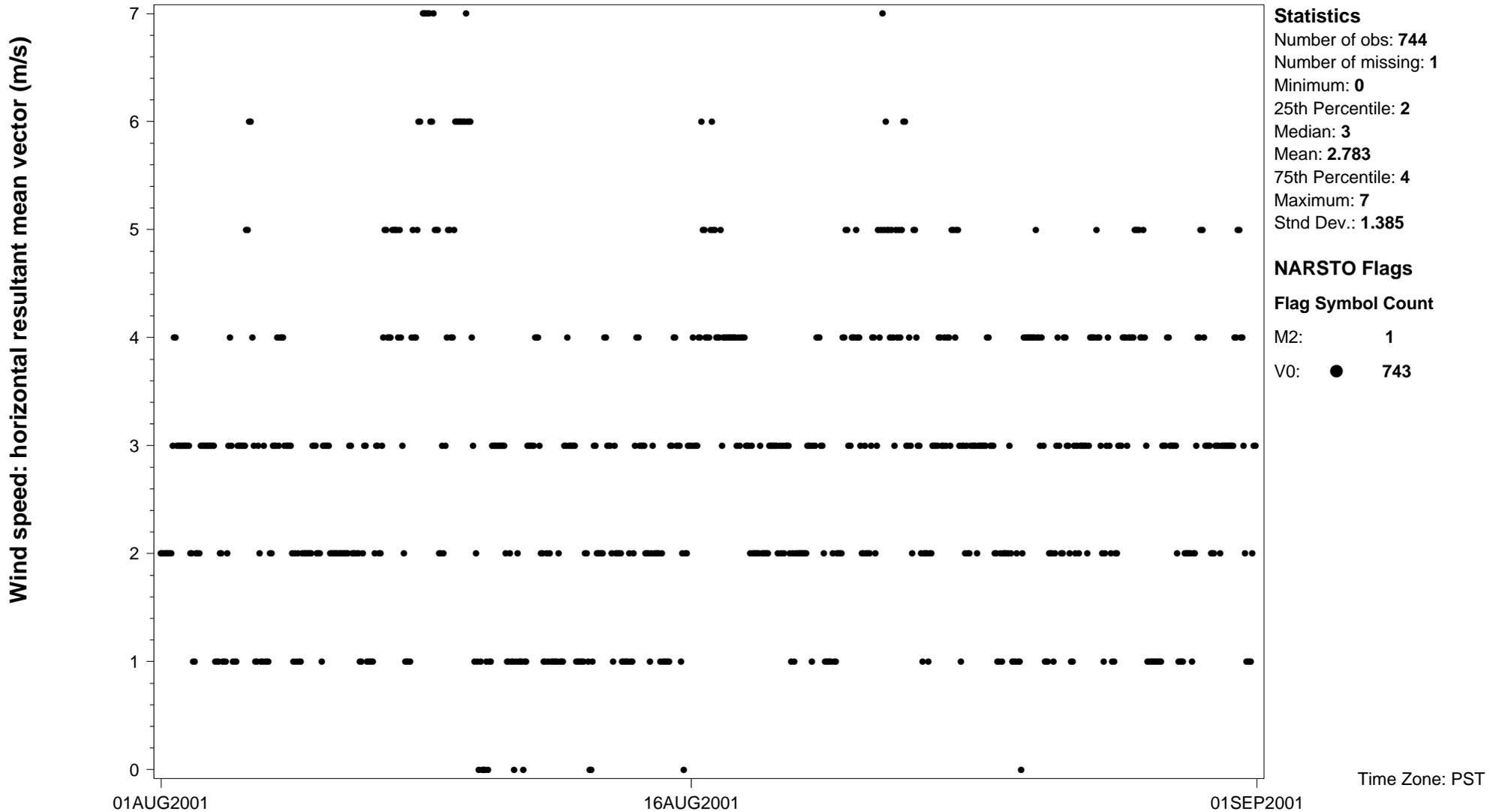
**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **1**  
 25th Percentile: **98**  
 Median: **122**  
 Mean: **160.987**  
 75th Percentile: **255**  
 Maximum: **360**  
 Std Dev.: **86.281**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

Time Zone: PST

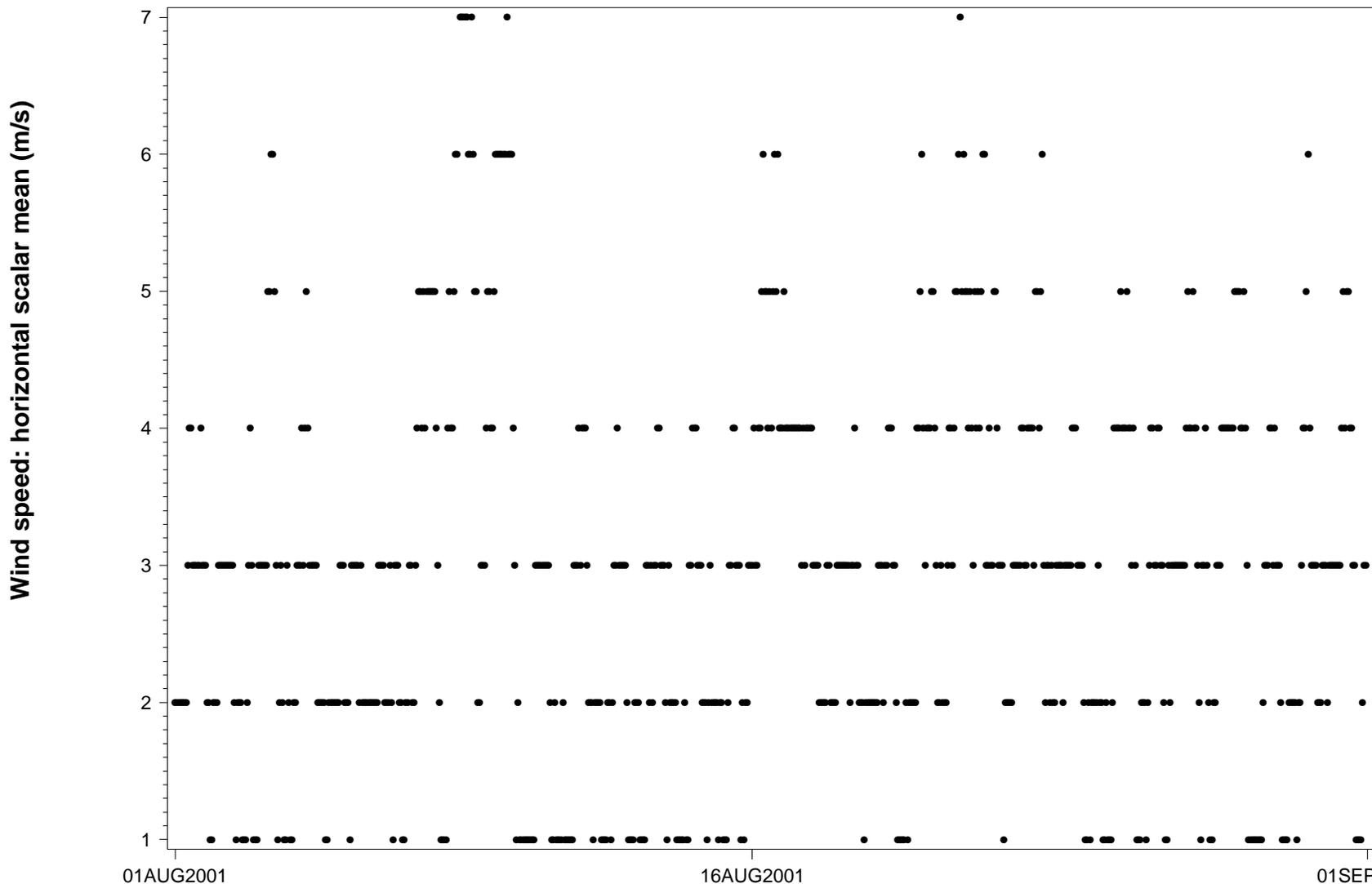
Site ID: **PC01CABCT031** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



Site ID: **PC01CABCT031** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **VANCOUVER INTERNATIONAL AIRPORT - 3153 TEMPLETON STREET - SEA ISLAND (Start Feb 1998), British Columbia** Latitude: **49.18638889 deg.** Longitude:



**Statistics**  
 Number of obs: **744**  
 Number of missing: **1**  
 Minimum: **1**  
 25th Percentile: **2**  
 Median: **3**  
 Mean: **2.910**  
 75th Percentile: **4**  
 Maximum: **7**  
 Std Dev.: **1.360**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **1**  
 V0: ● **743**

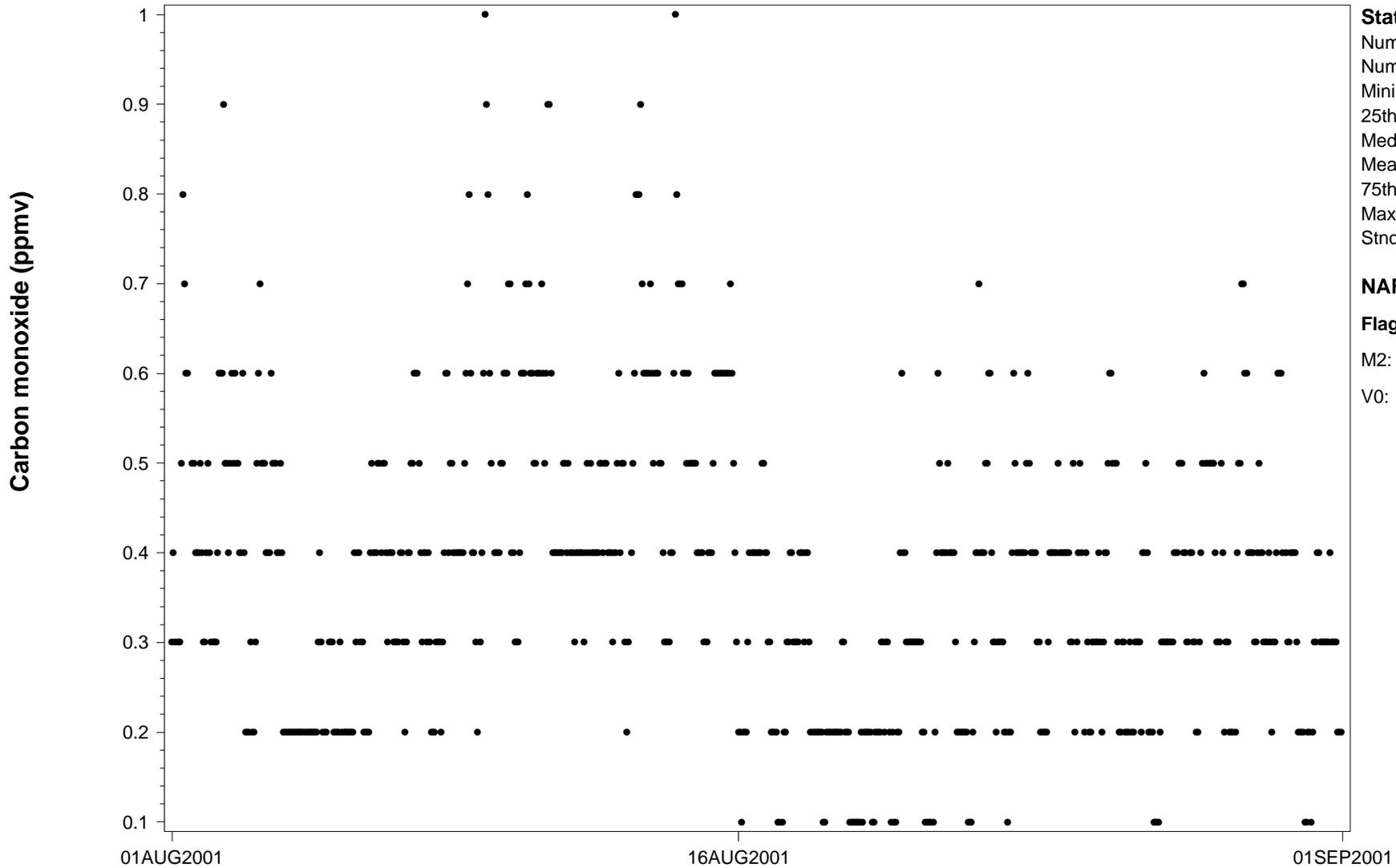
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



**Statistics**  
 Number of obs: **744**  
 Number of missing: **13**  
 Minimum: **0.1**  
 25th Percentile: **0.2**  
 Median: **0.4**  
 Mean: **0.371**  
 75th Percentile: **0.5**  
 Maximum: **1**  
 Stnd Dev.: **0.161**

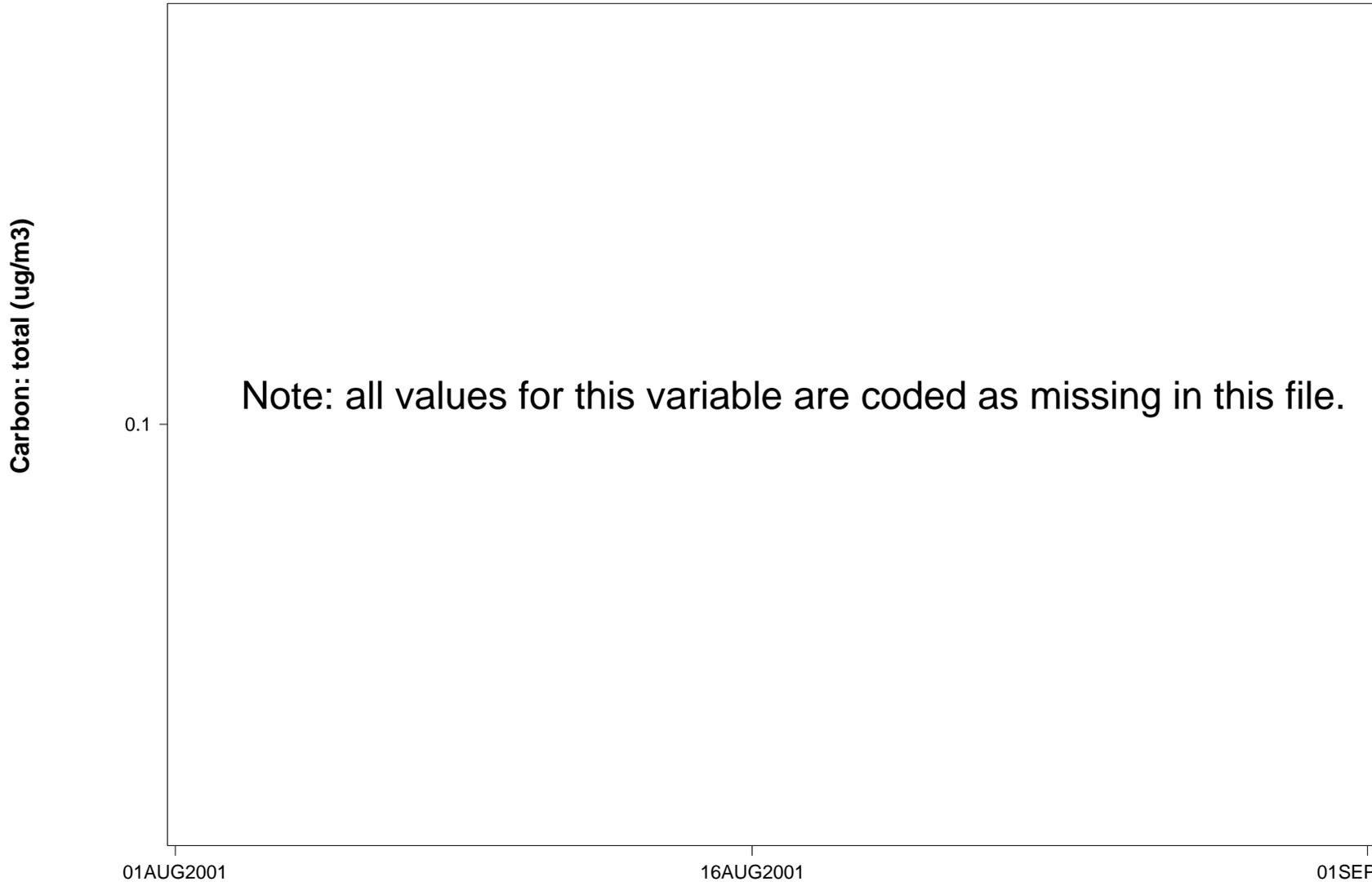
**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **13**  
 V0: ● **731**

Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUILTAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

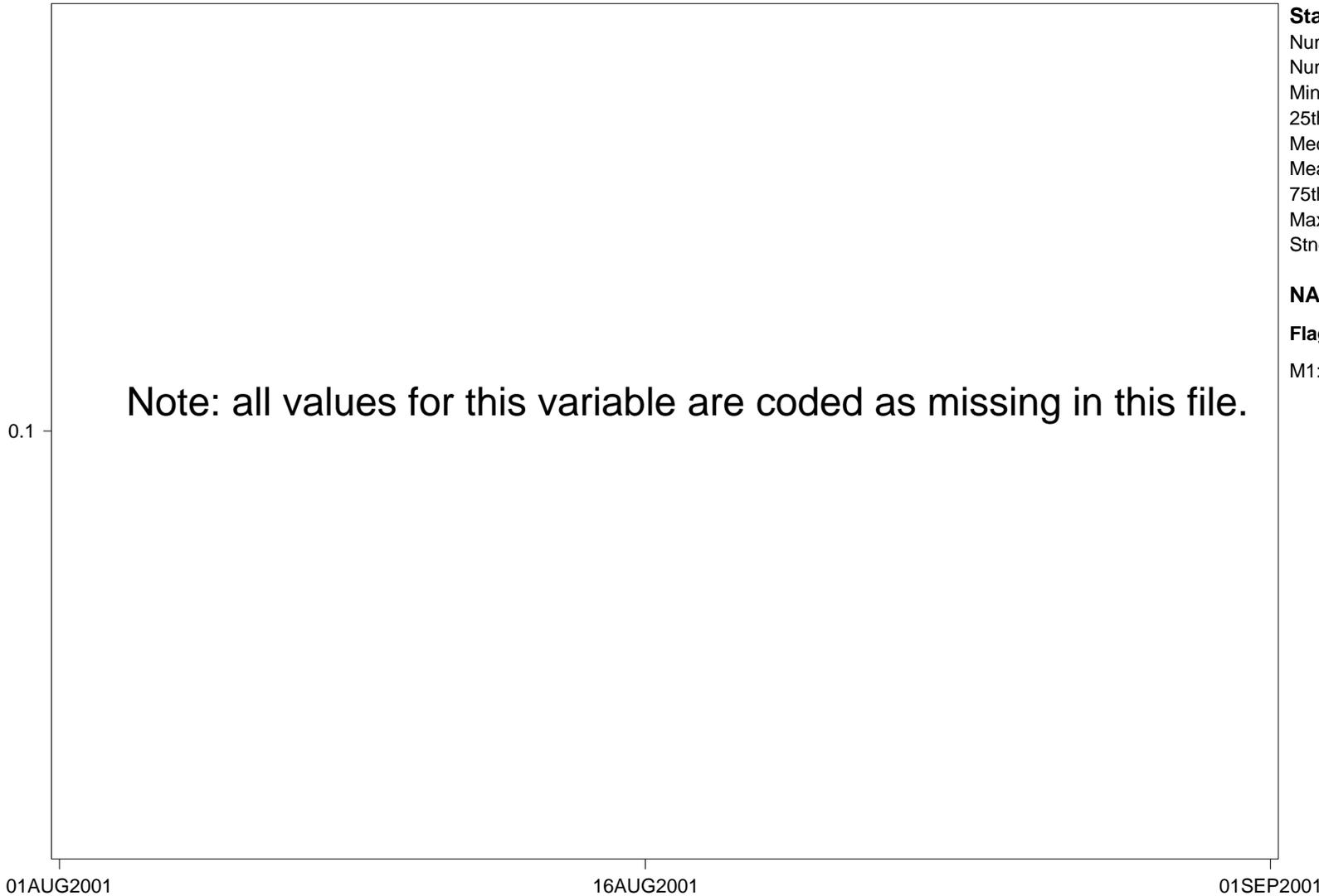
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

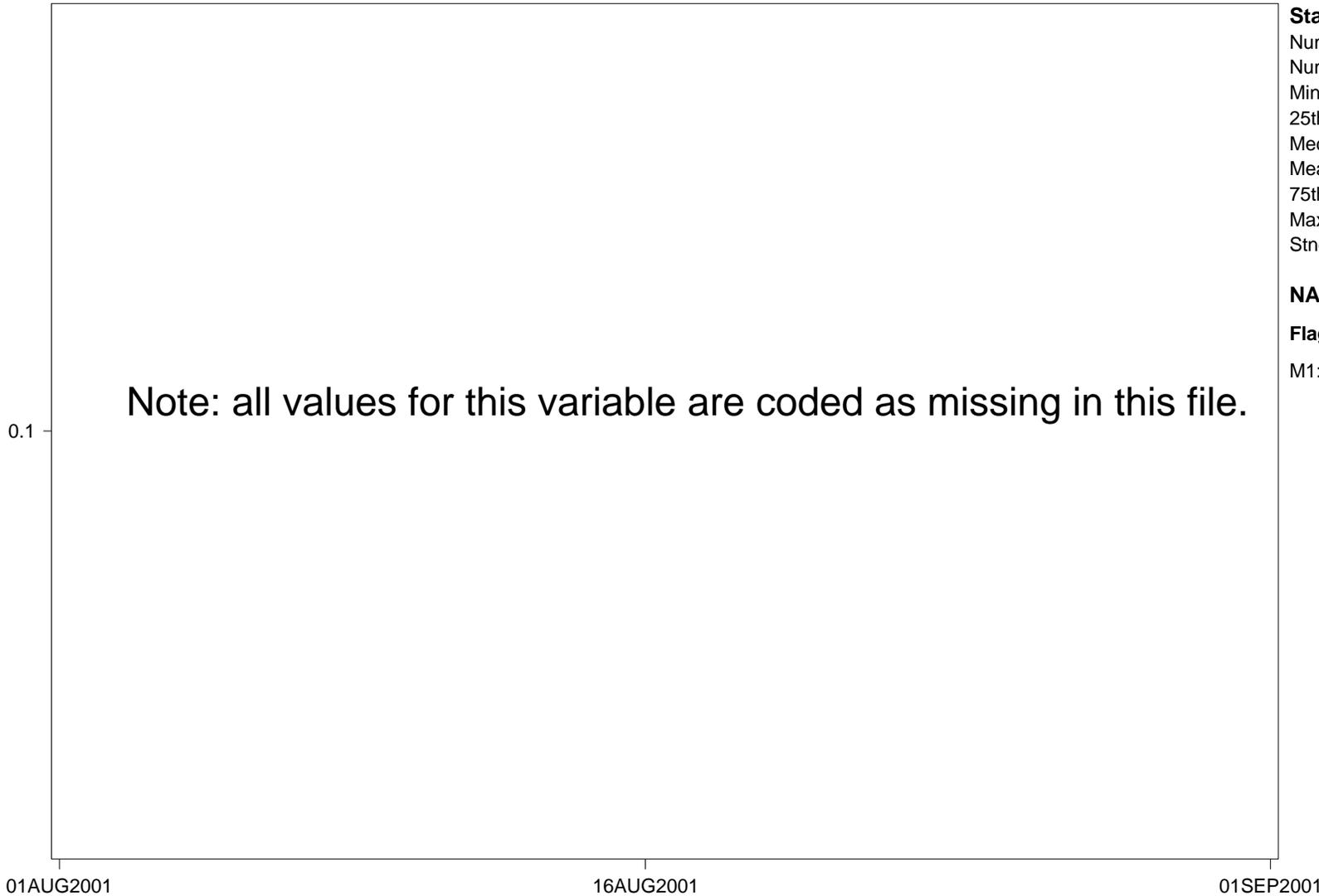
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

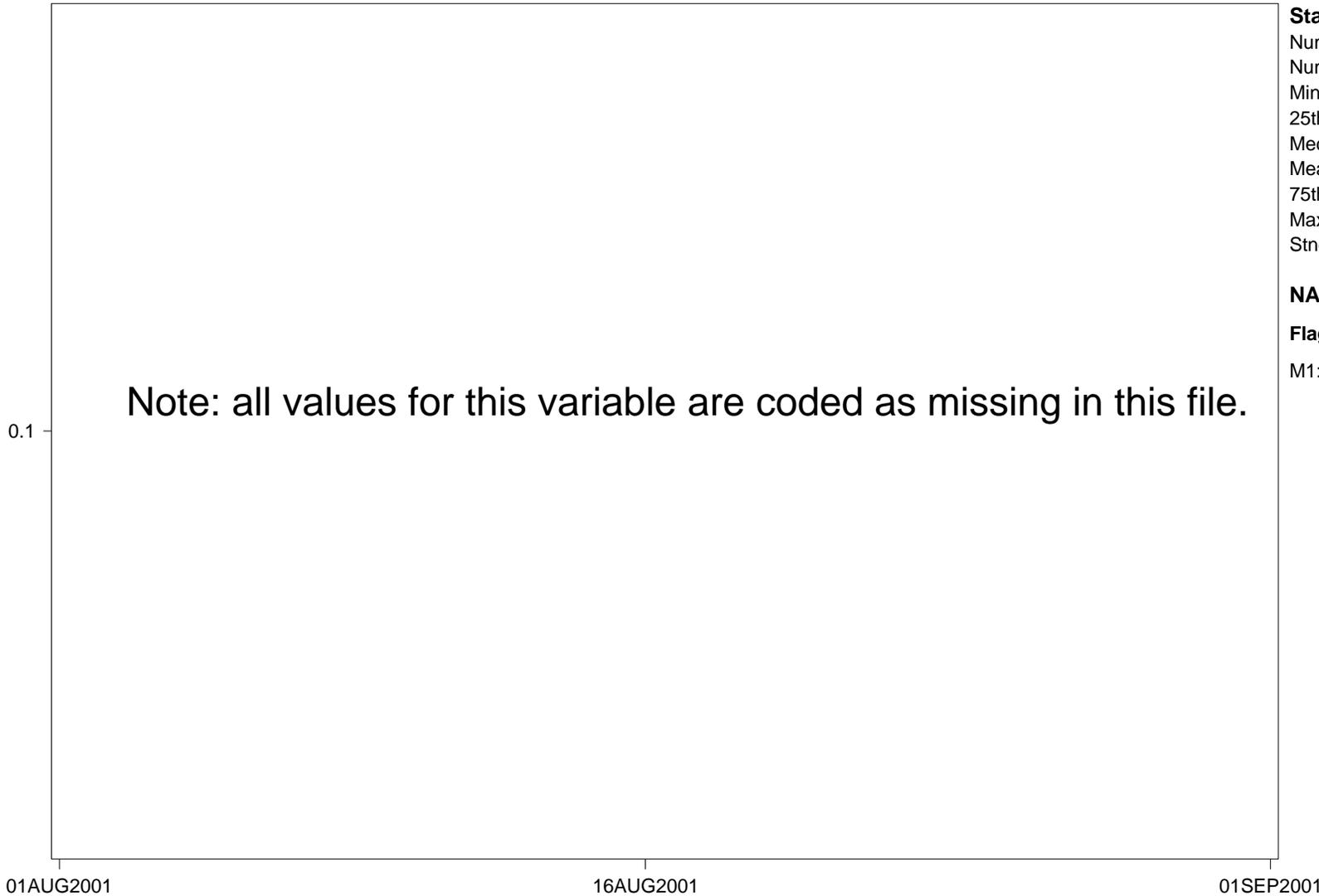
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

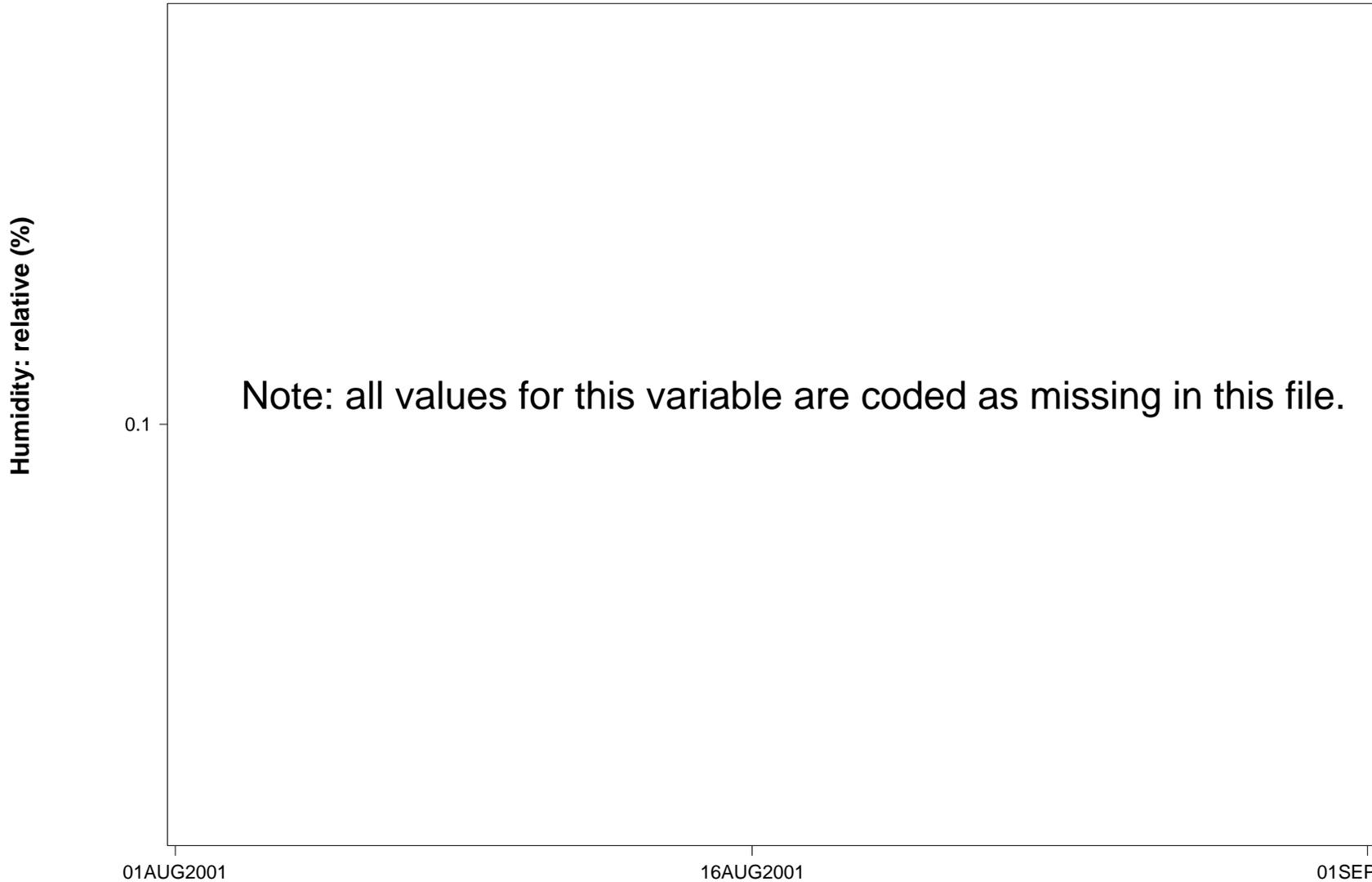
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

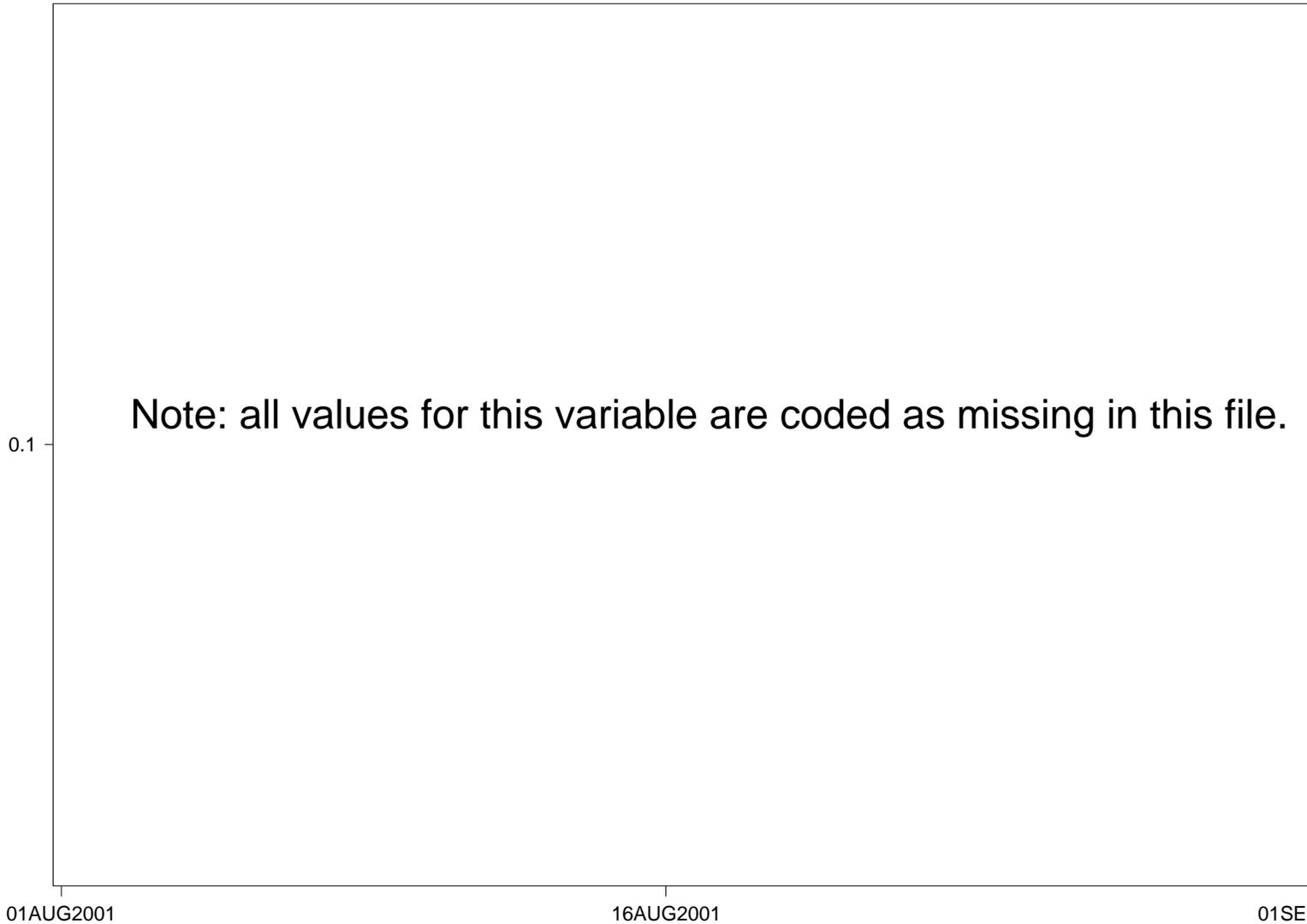
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

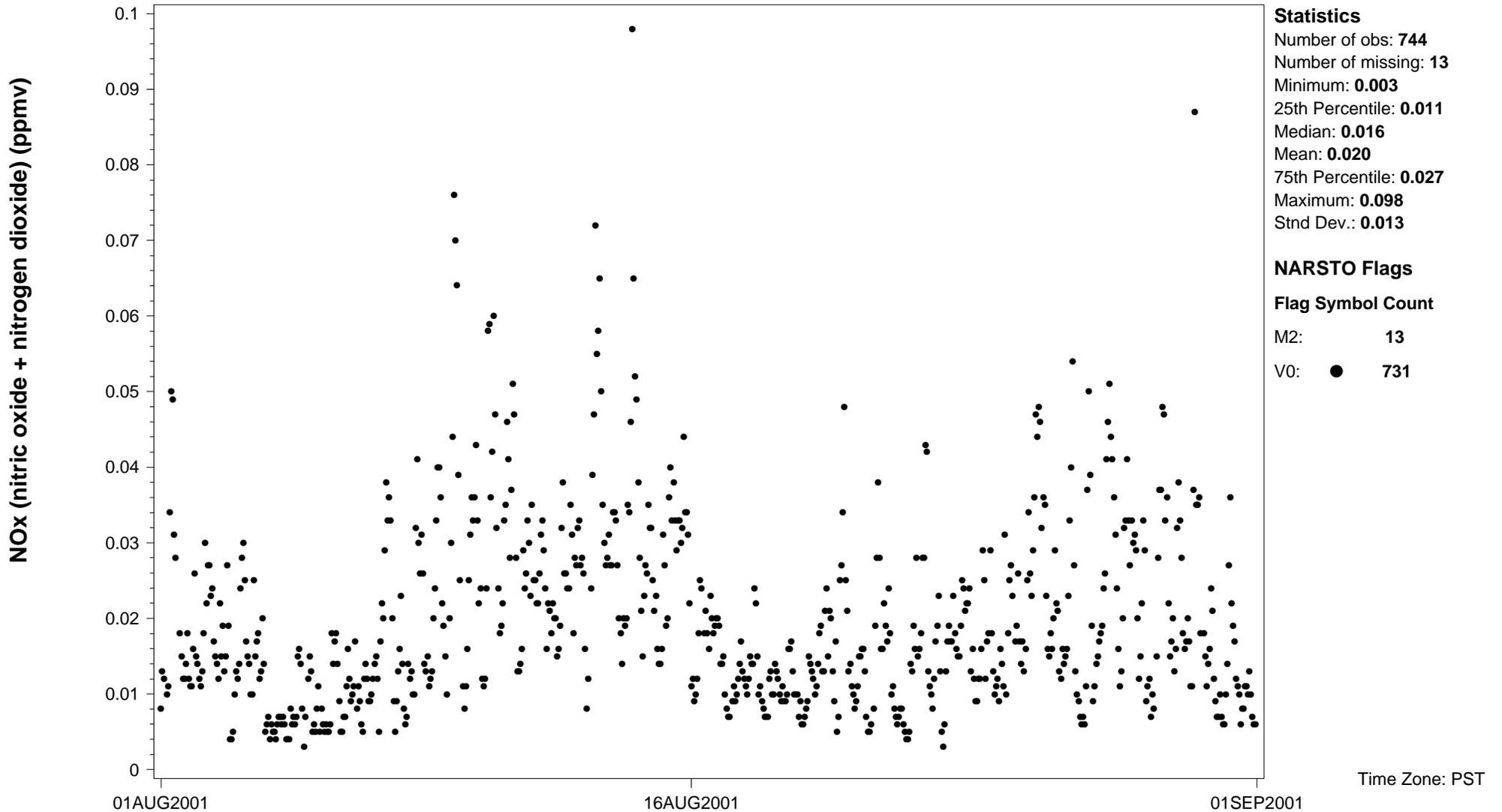
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

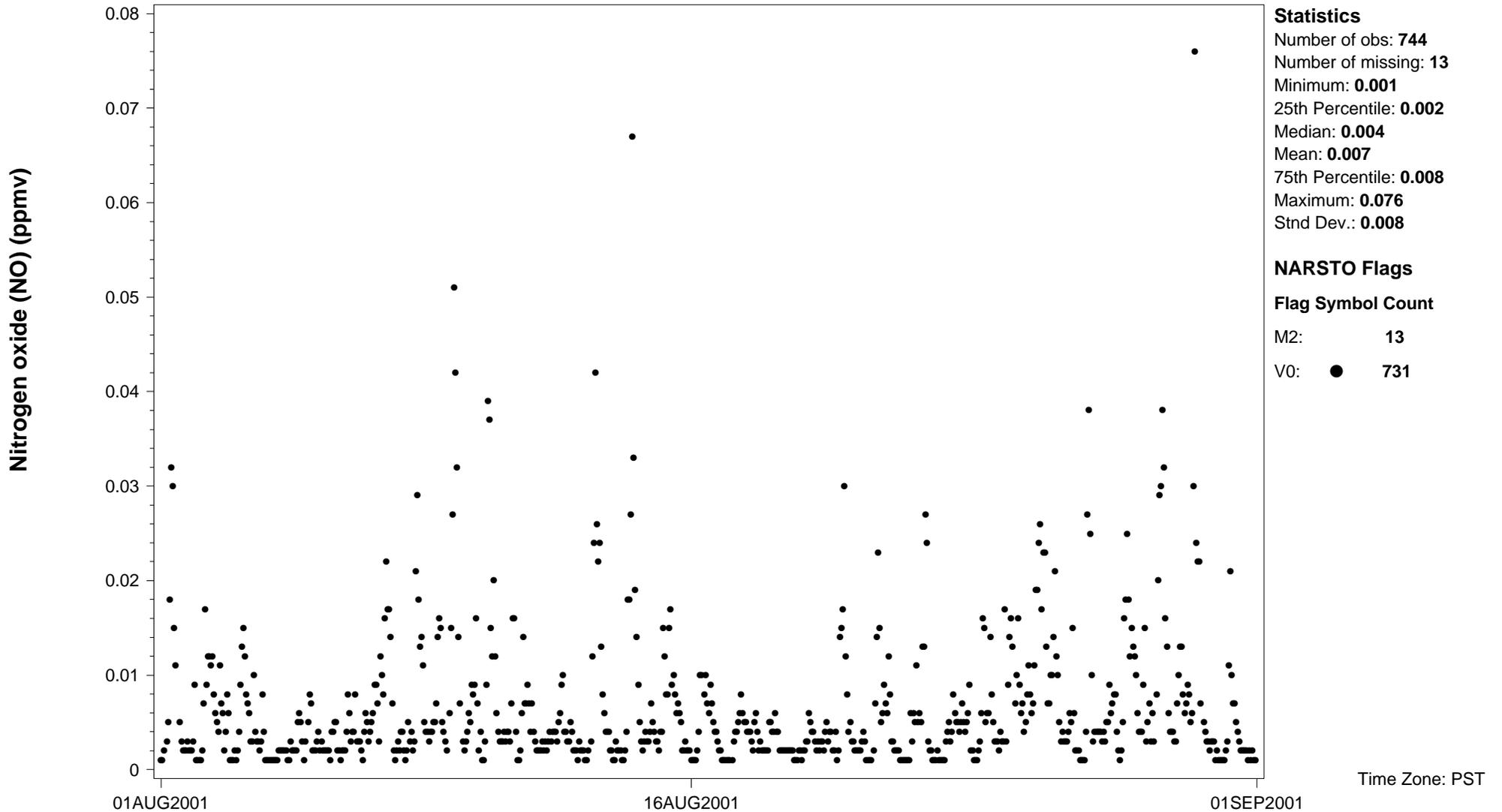


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

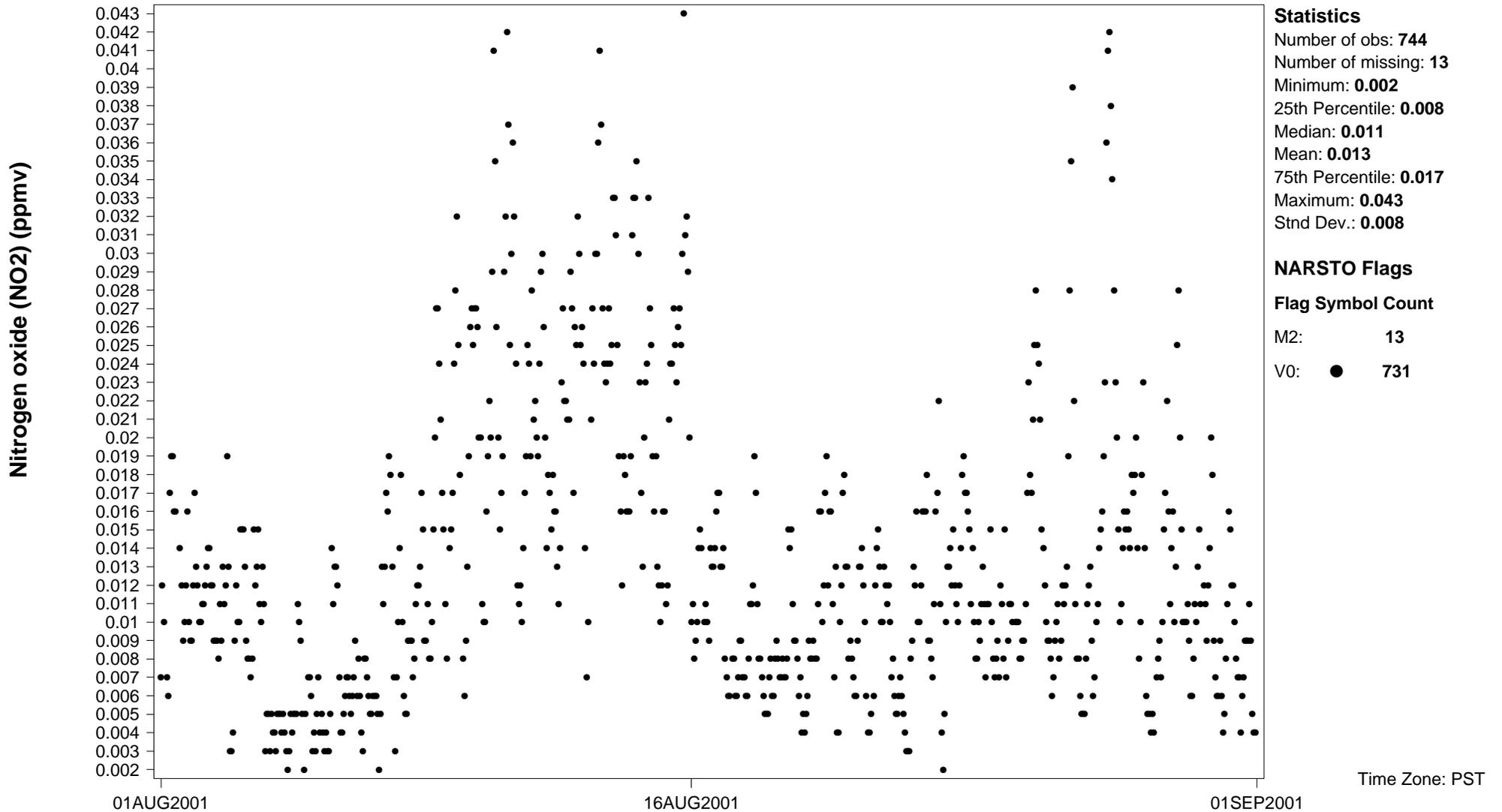


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

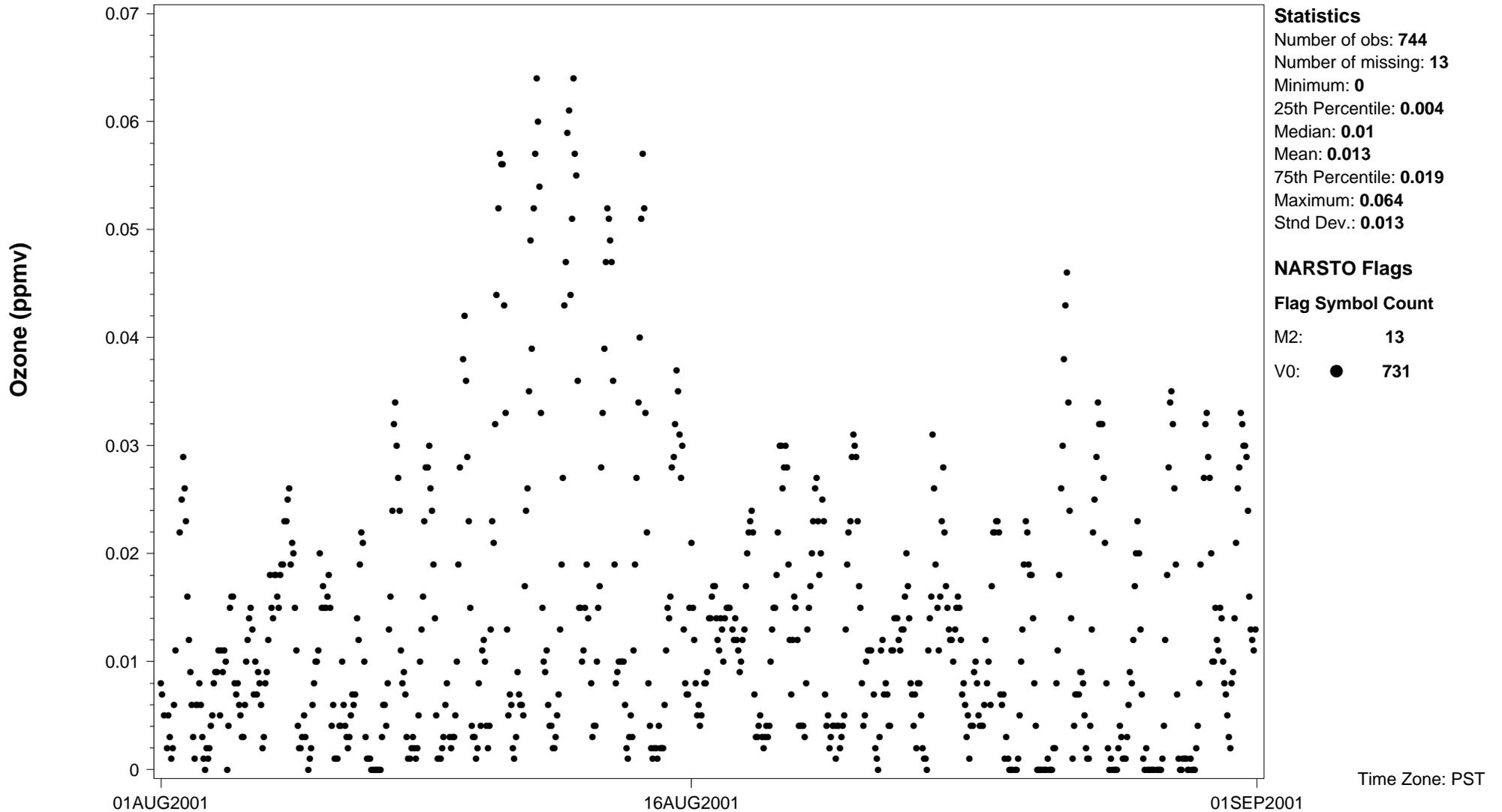


NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

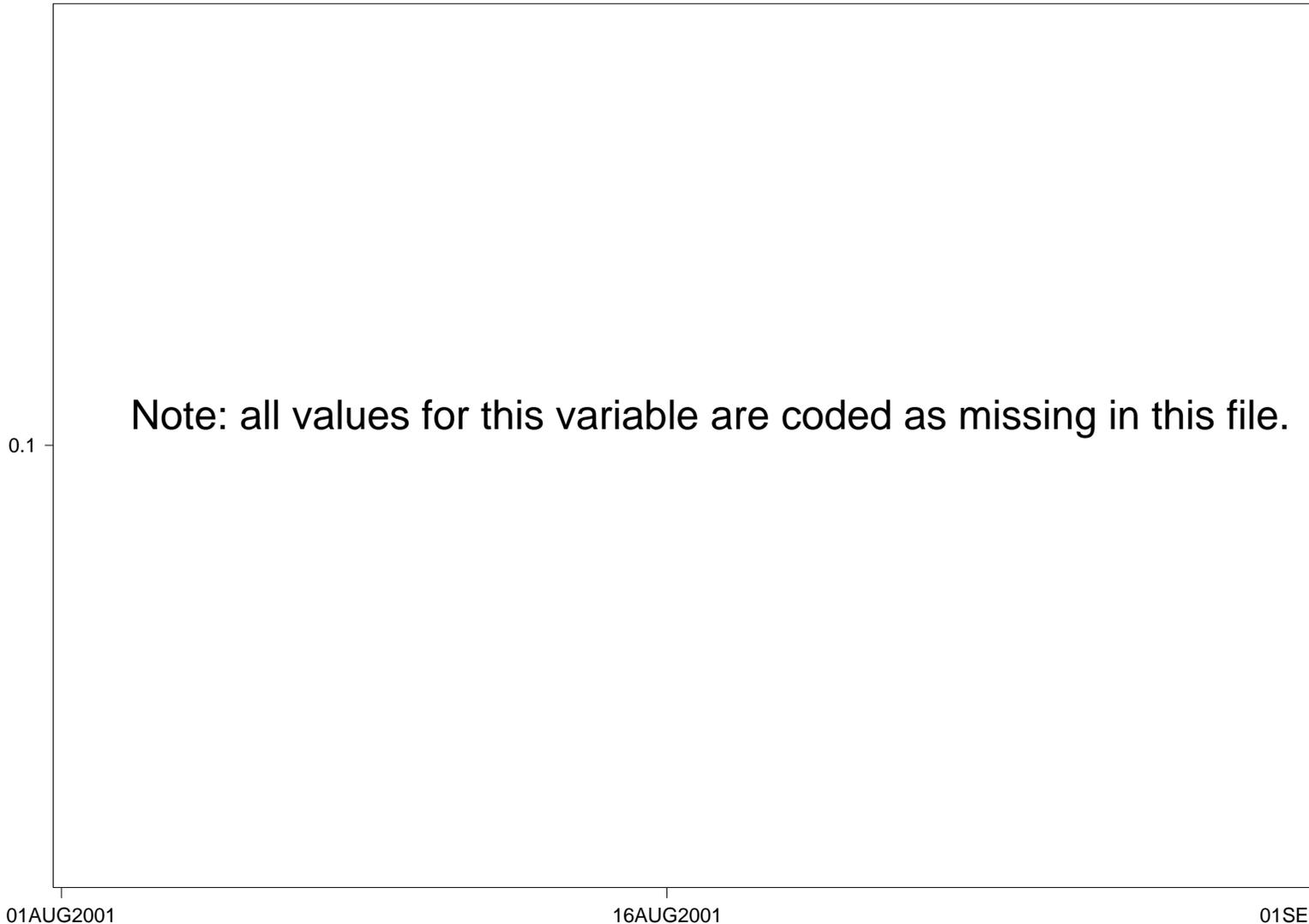


Site ID: **PC01CABCT032** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

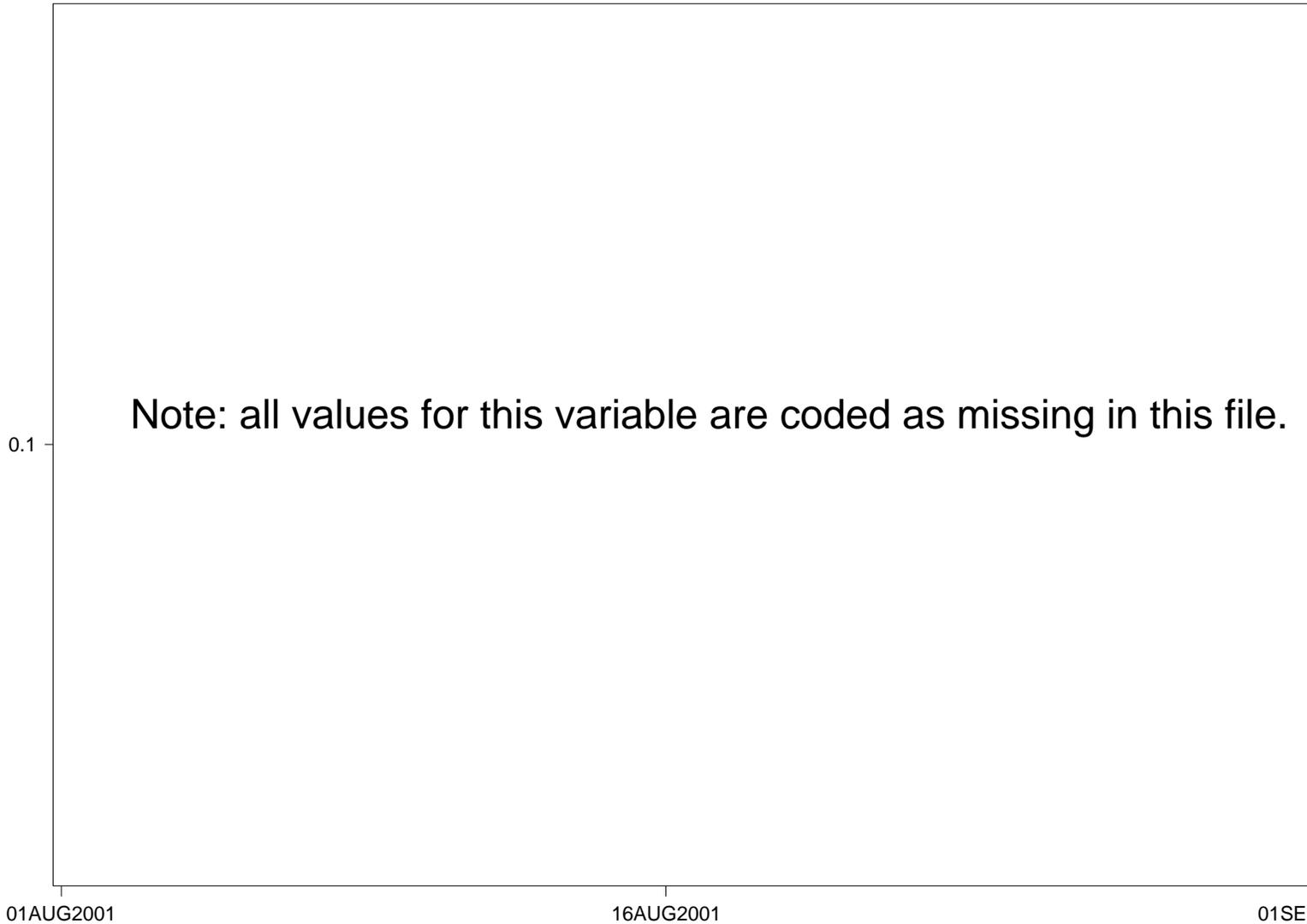
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUILTAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

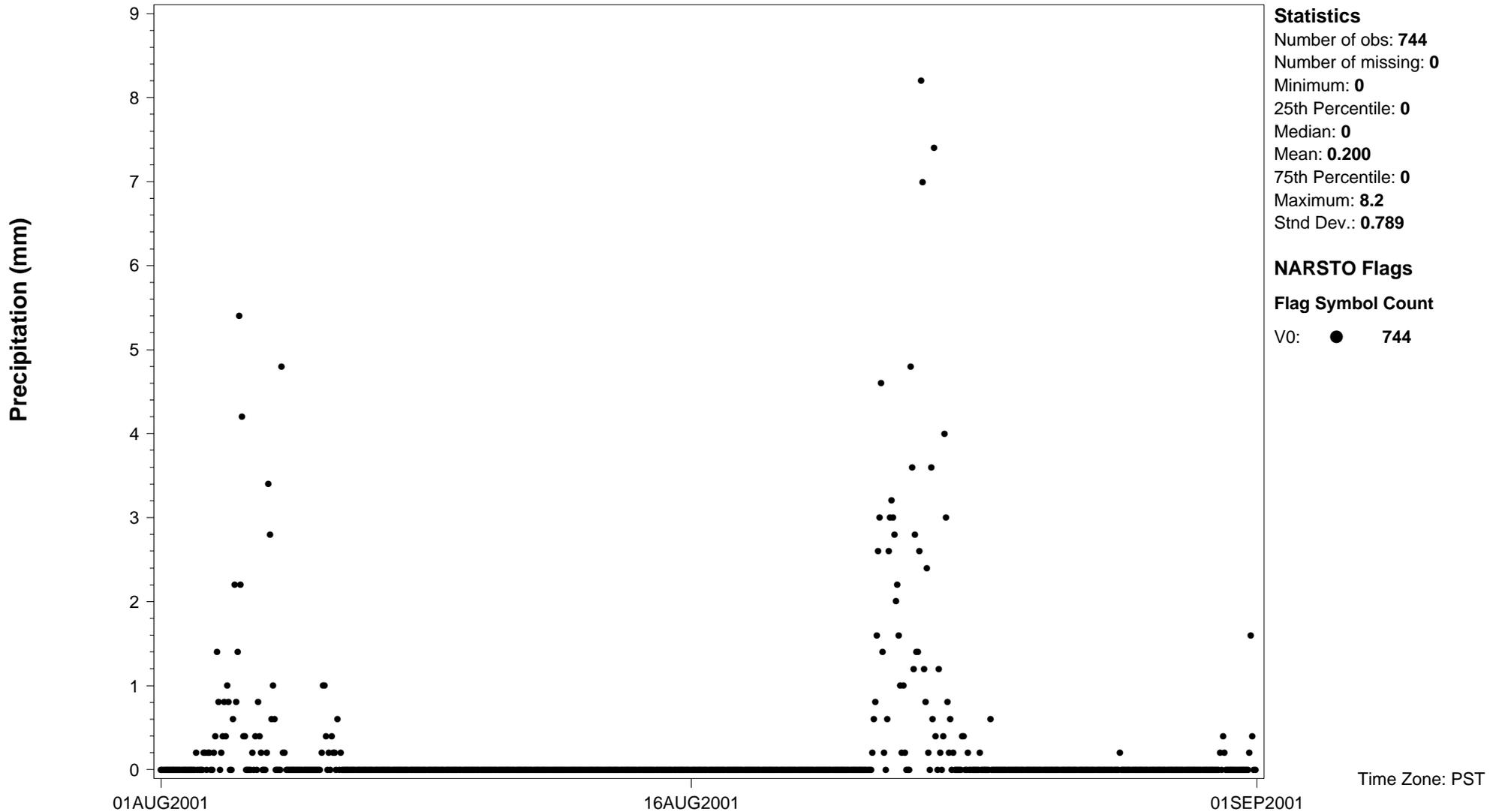
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUILTAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

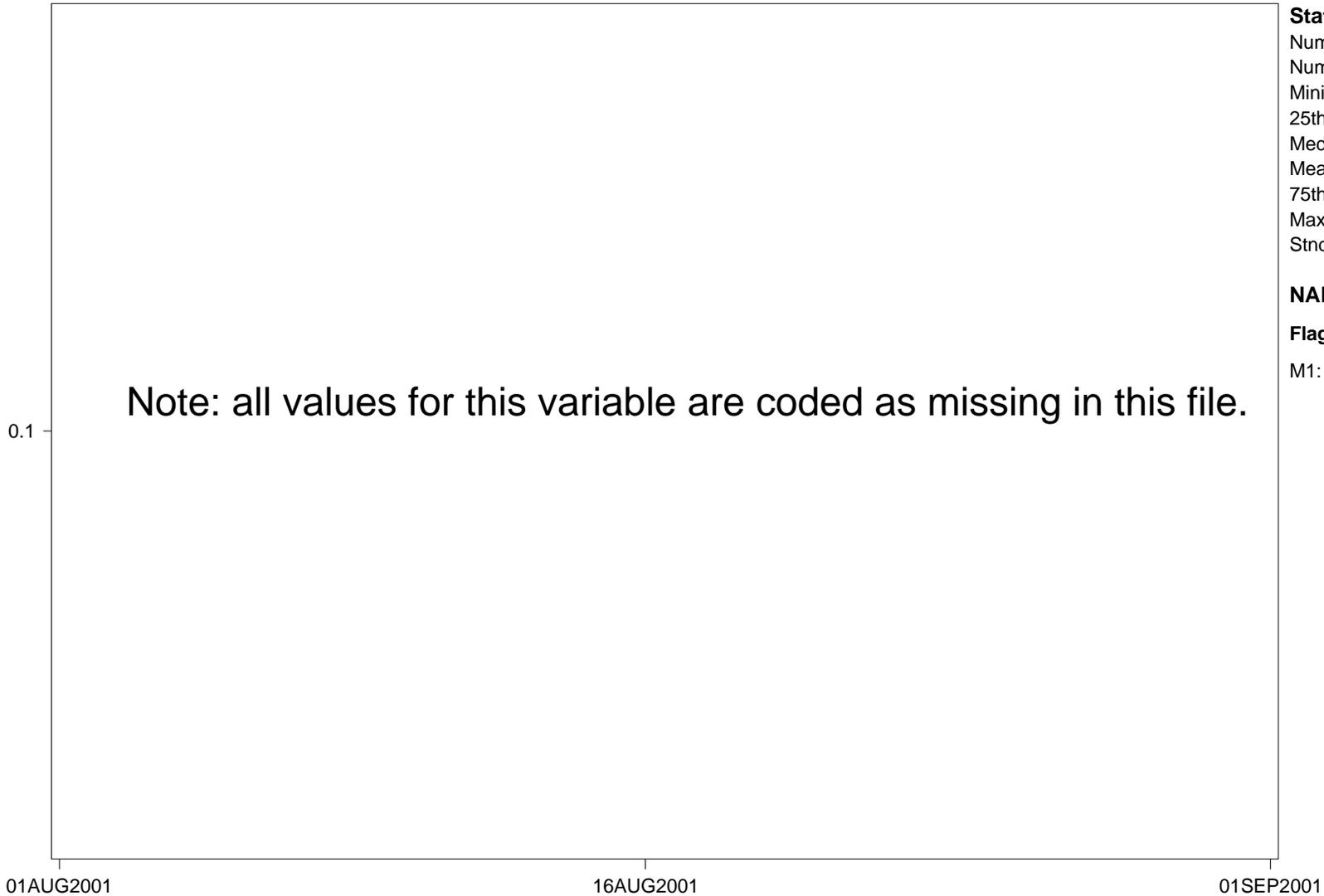


Site ID: **PC01CABCT032** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Pressure: atmospheric barometric (kPa)

**Statistics**

Number of obs: **744**  
Number of missing: **744**  
Minimum: .  
25th Percentile: .  
Median: .  
Mean: .  
75th Percentile: .  
Maximum: .  
Std Dev.: .

**NARSTO Flags****Flag Symbol Count**

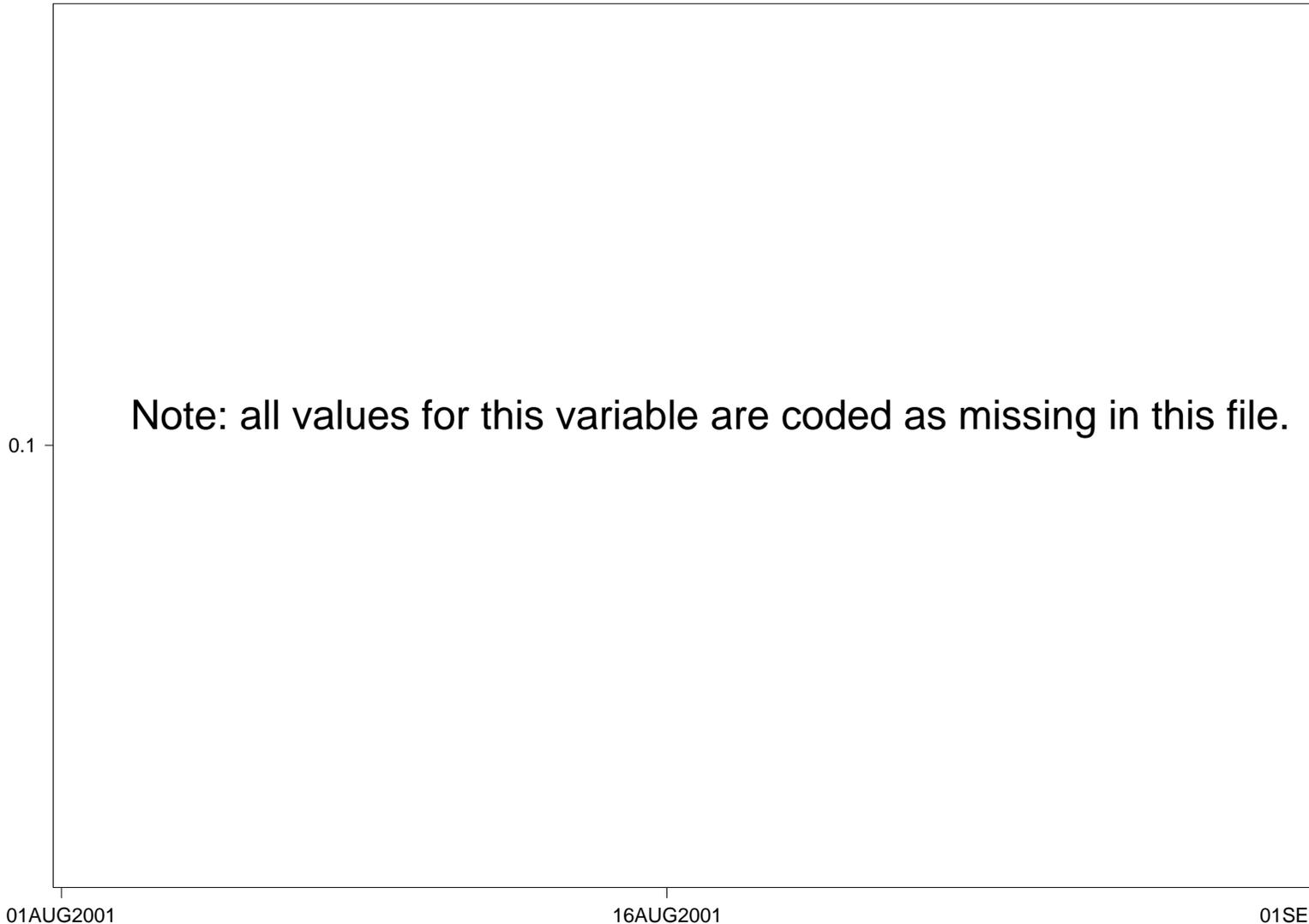
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

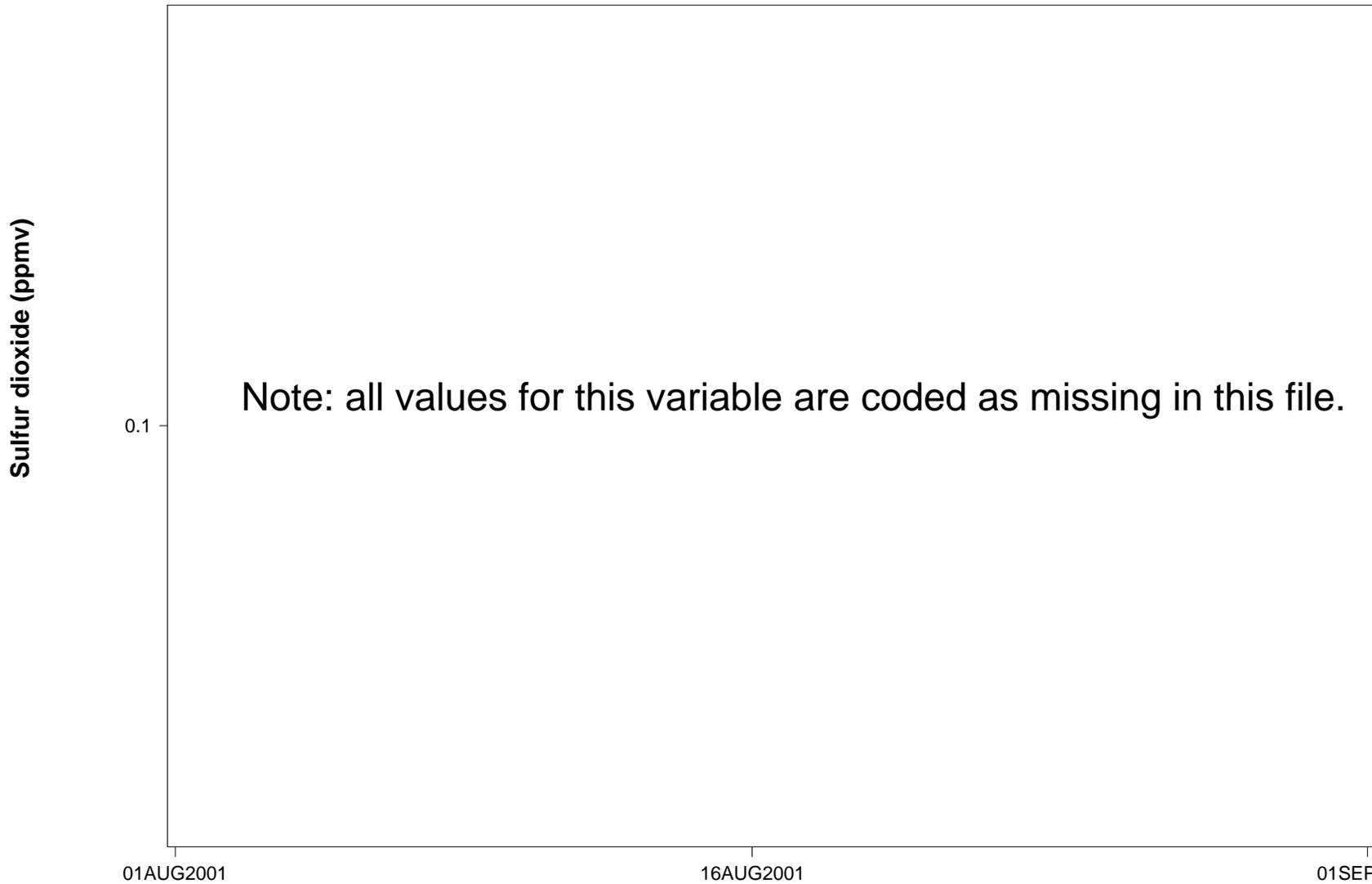
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

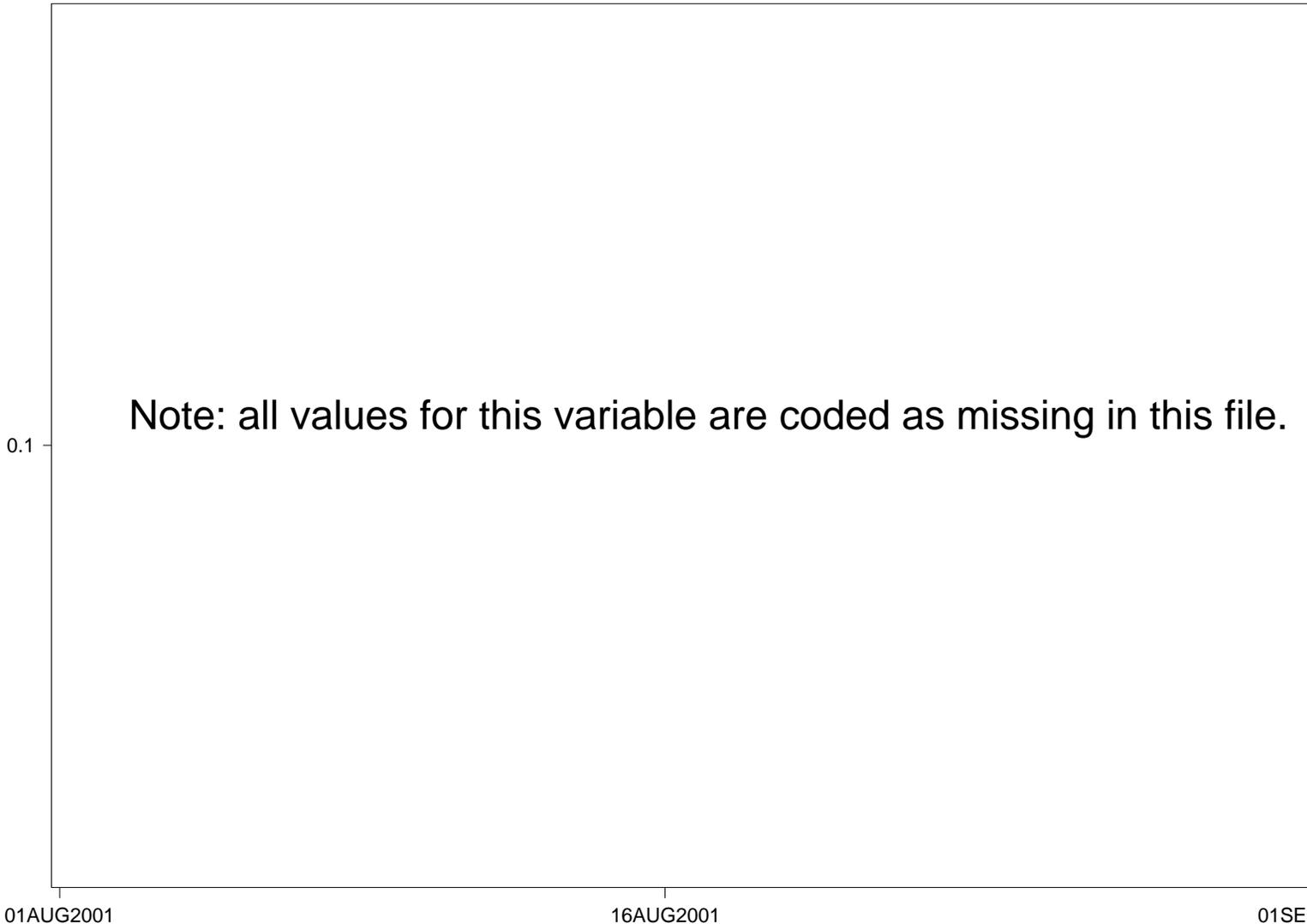
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

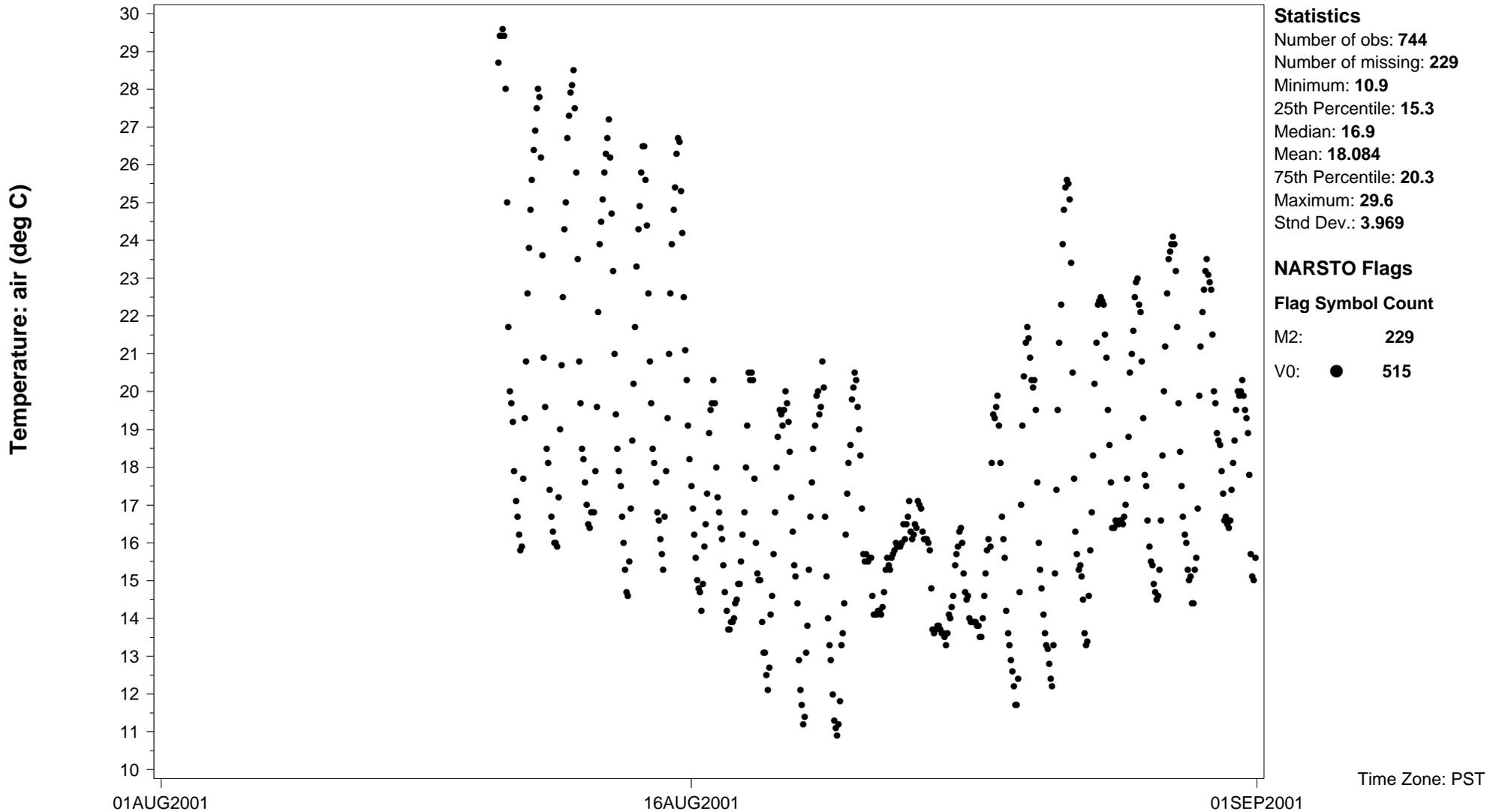
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



NAtChem Time Series Plot

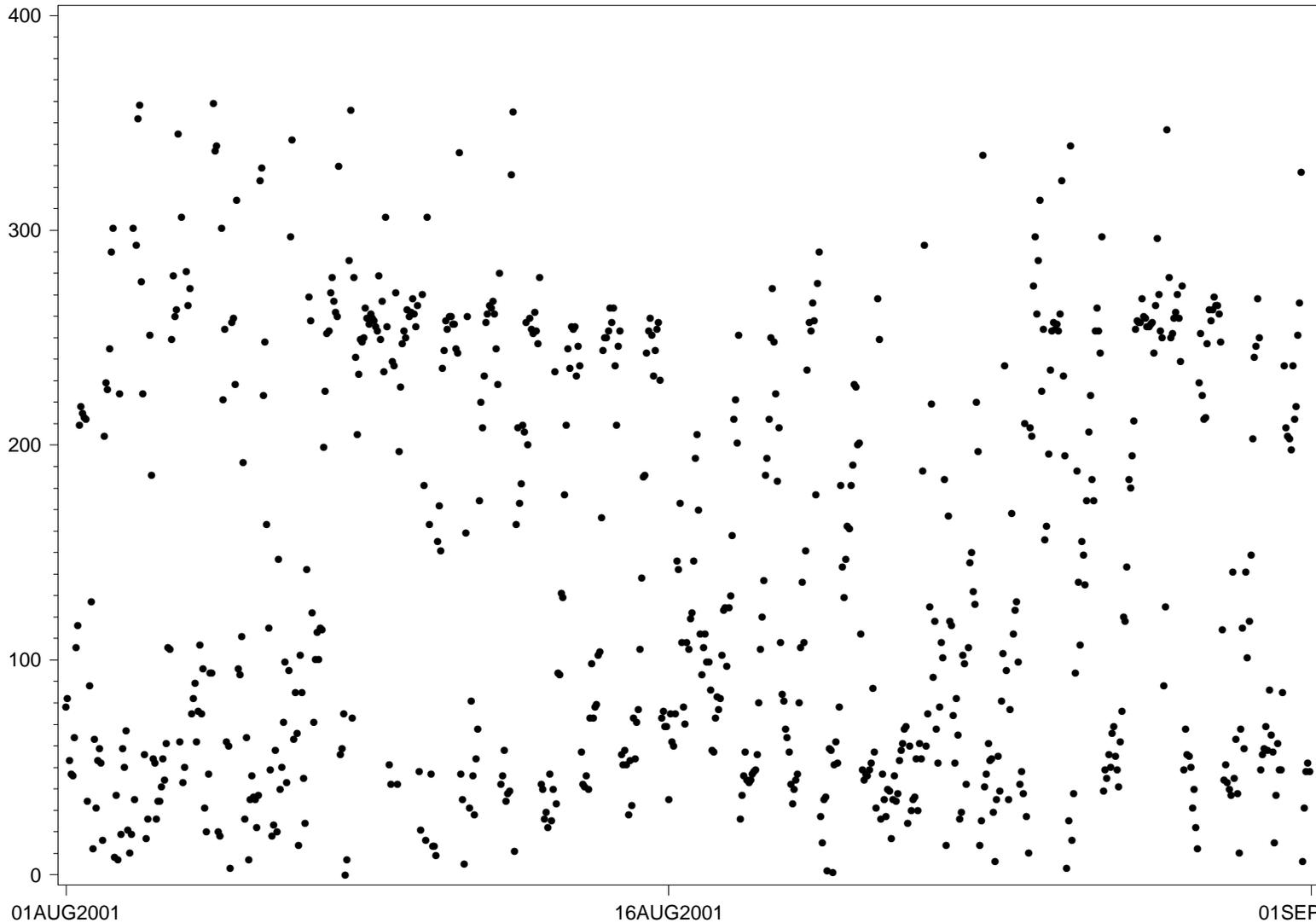
30SEP2004

Site ID: **PC01CABCT032** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **52**  
 Median: **115**  
 Mean: **142.450**  
 75th Percentile: **246**  
 Maximum: **359**  
 Stnd Dev.: **97.218**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● **744**

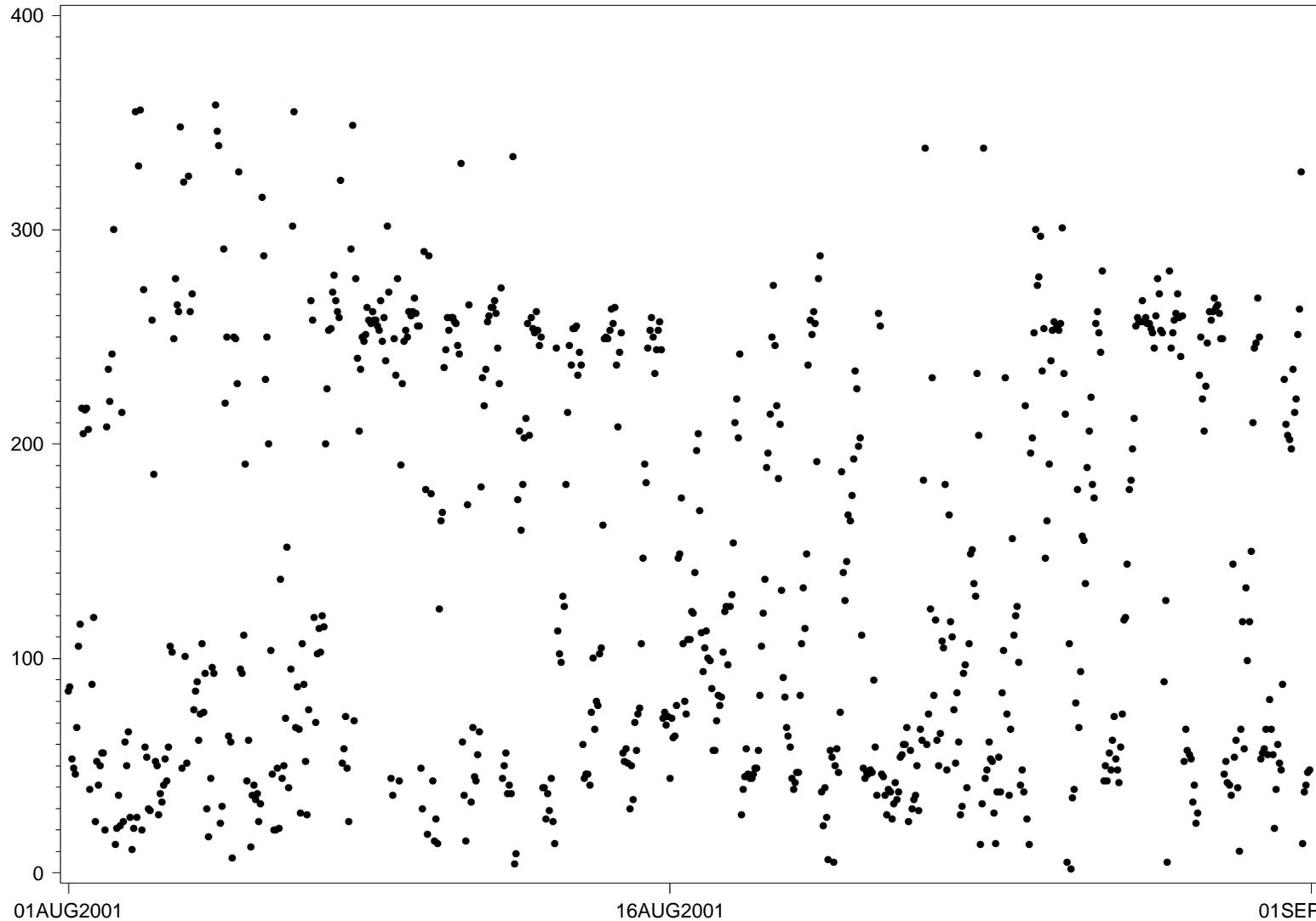
Time Zone: PST

Site ID: **PC01CABCT032** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **2**  
 25th Percentile: **51**  
 Median: **111.5**  
 Mean: **141.042**  
 75th Percentile: **245**  
 Maximum: **358**  
 Stnd Dev.: **96.033**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

Time Zone: PST

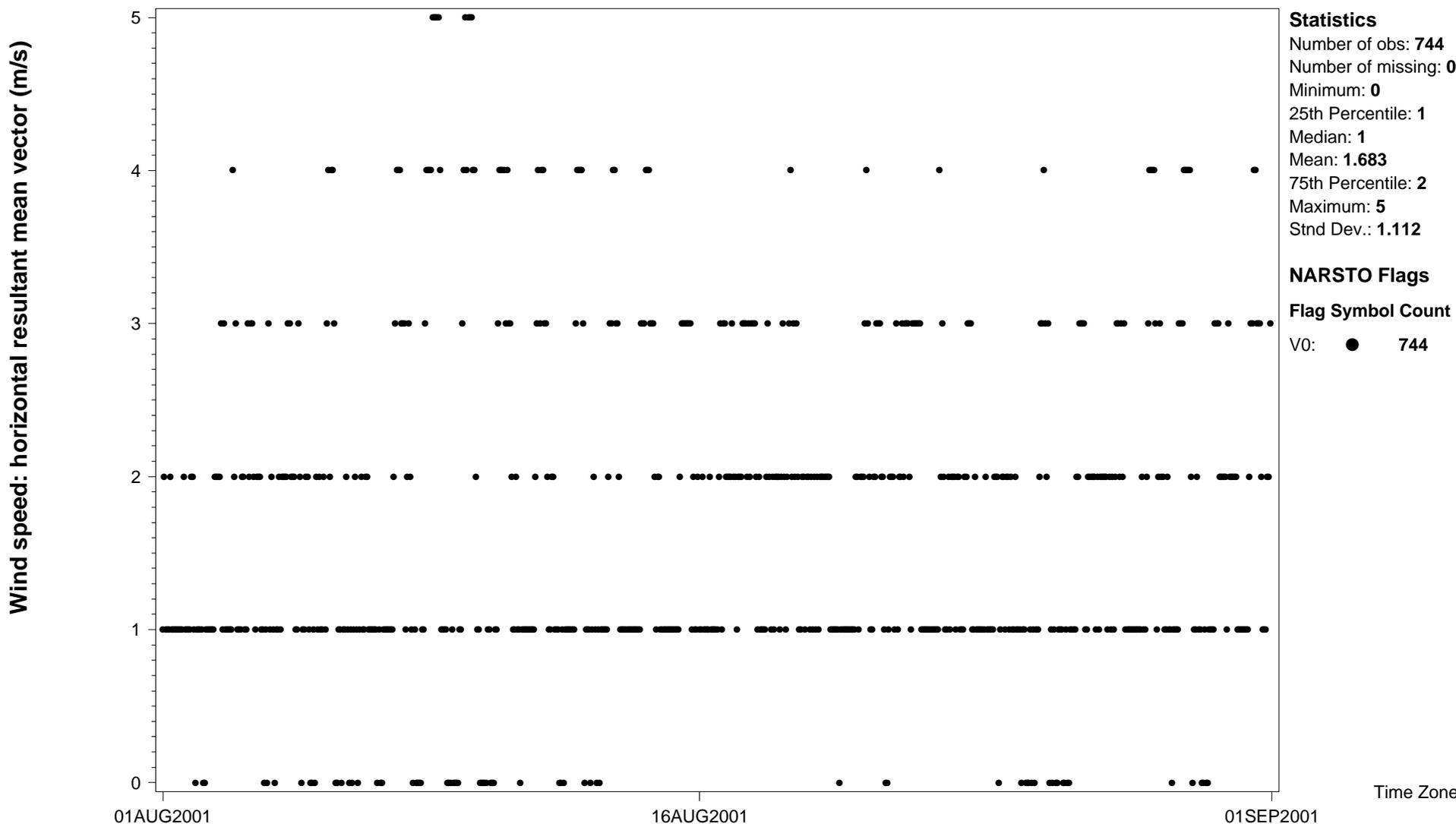
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D



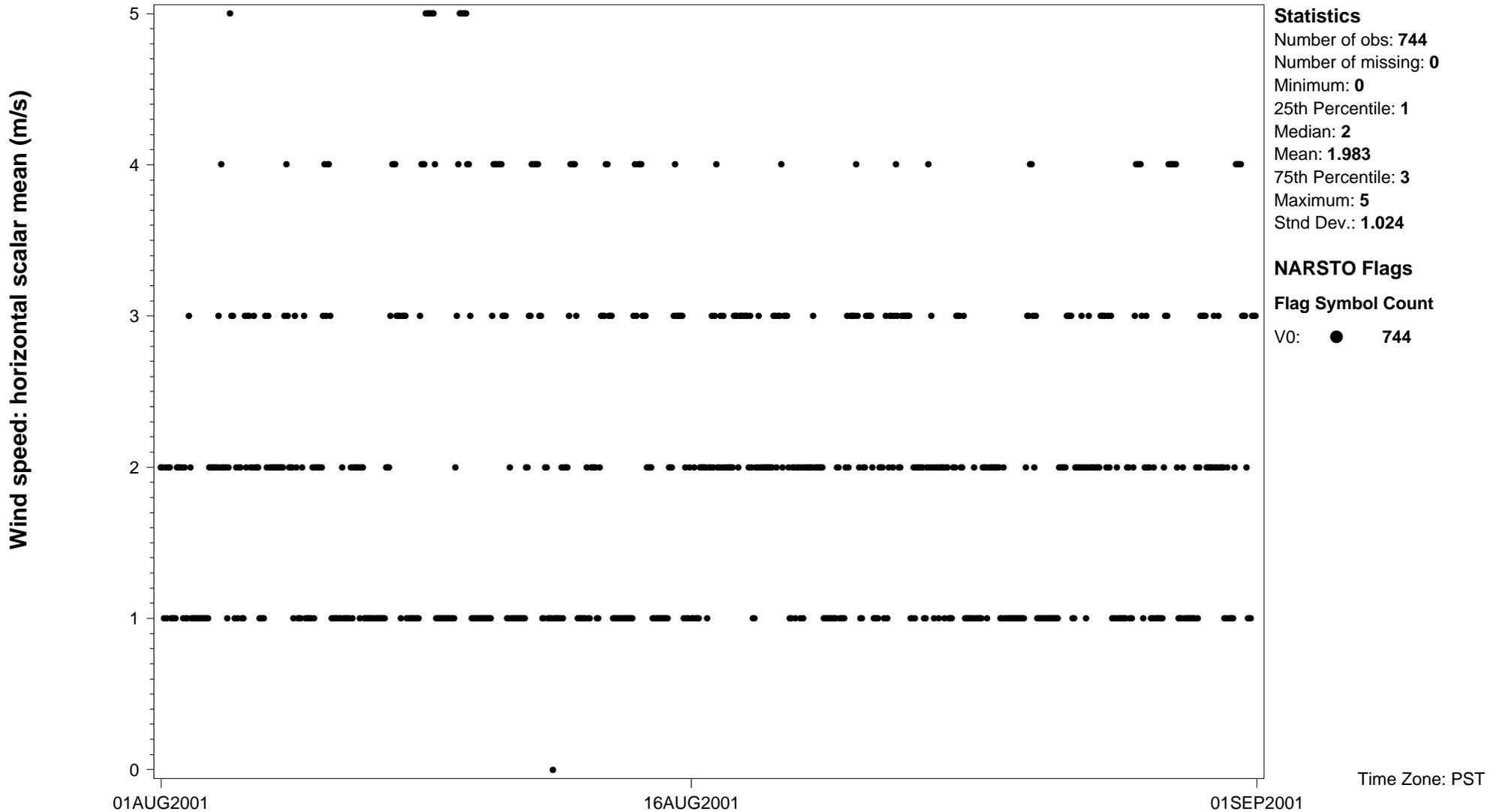
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT032** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **DOUGLAS COLLEGE - 1250 PINETREE WAY - COQUITLAM (Start Oct 2000), British Columbia** Latitude: **49.28805556 deg.** Longitude: **-122.7916667 deg.** Start D

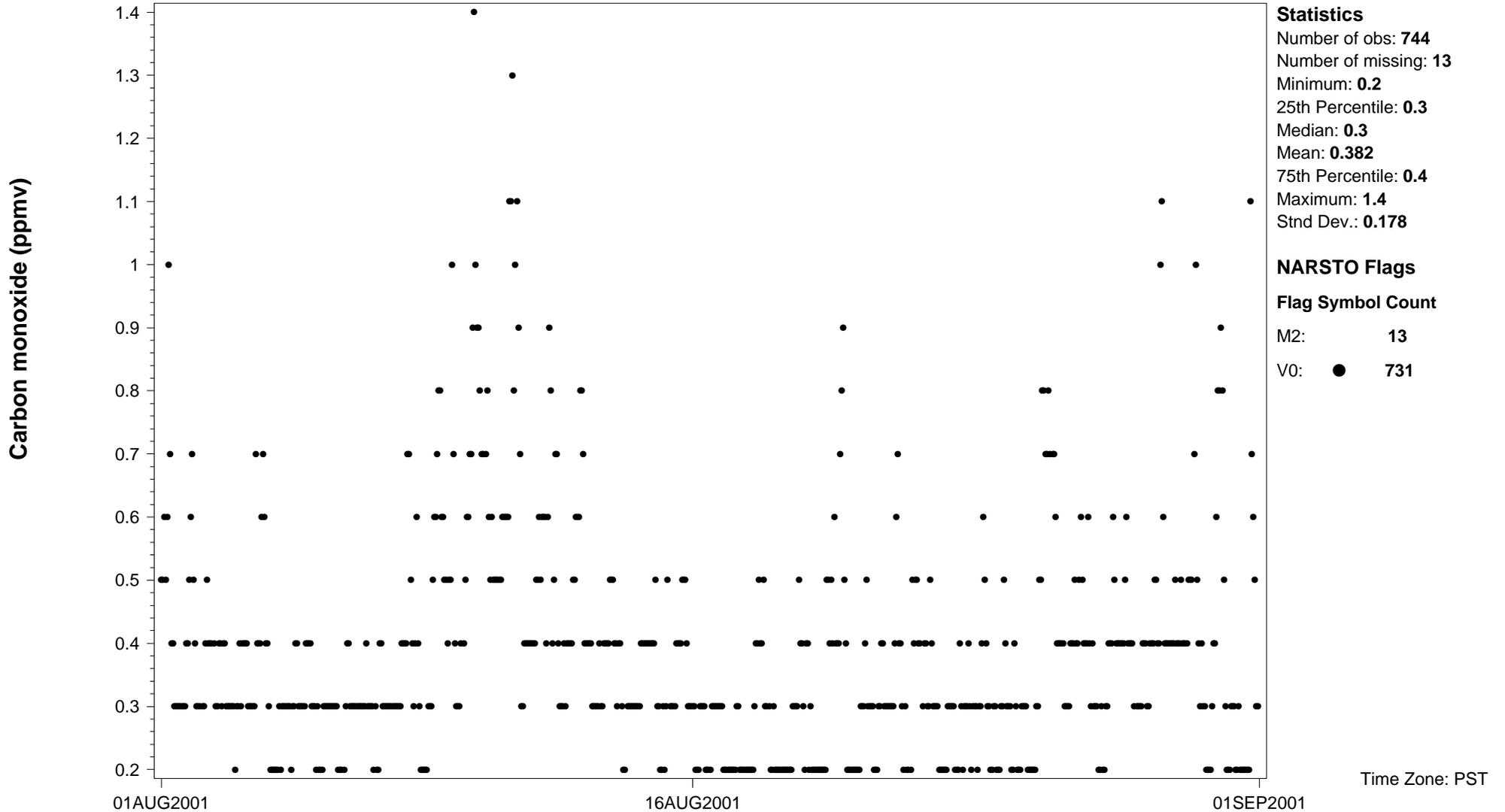


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

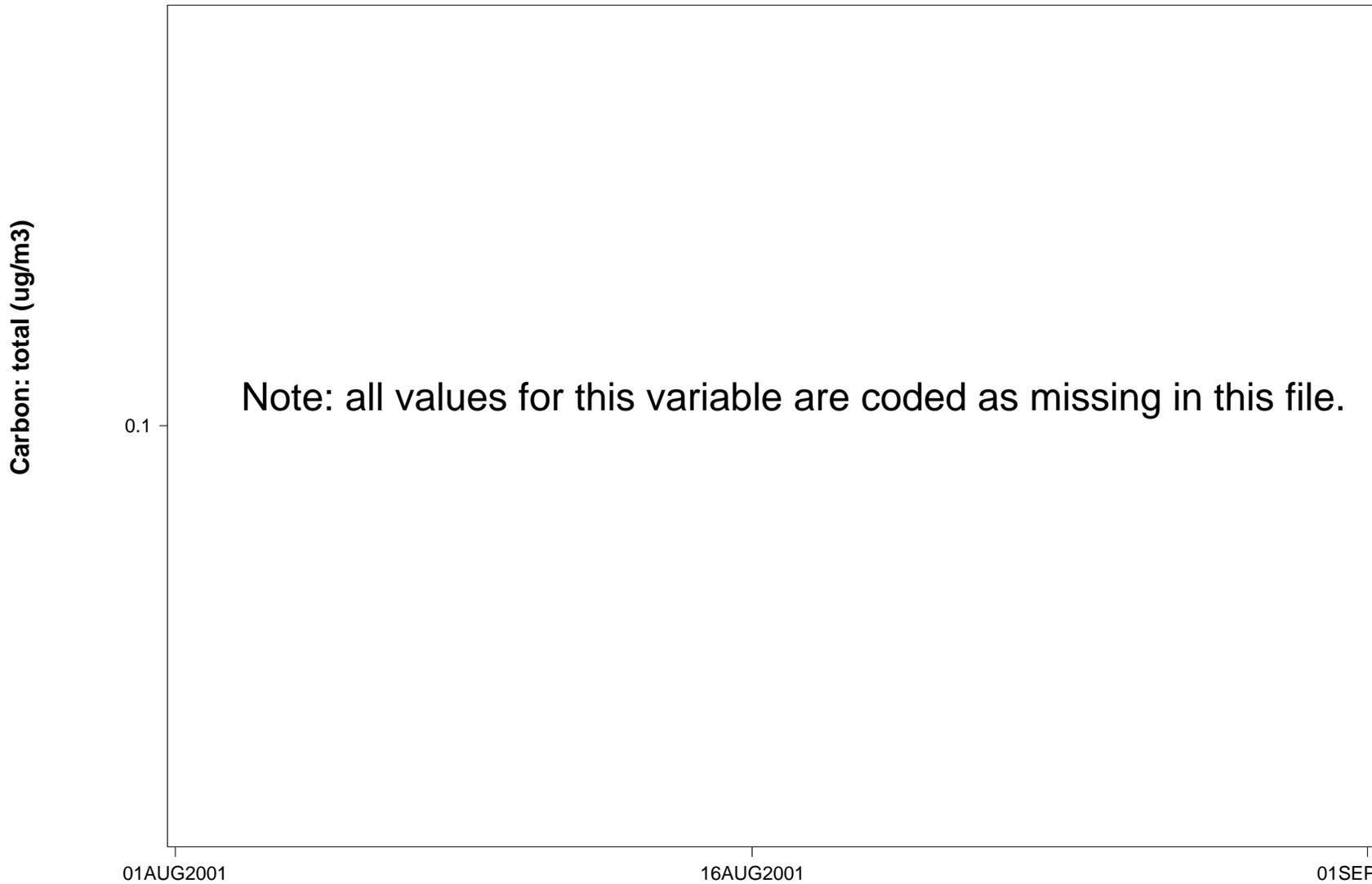
Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



Site ID: **PC01CABCT033** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

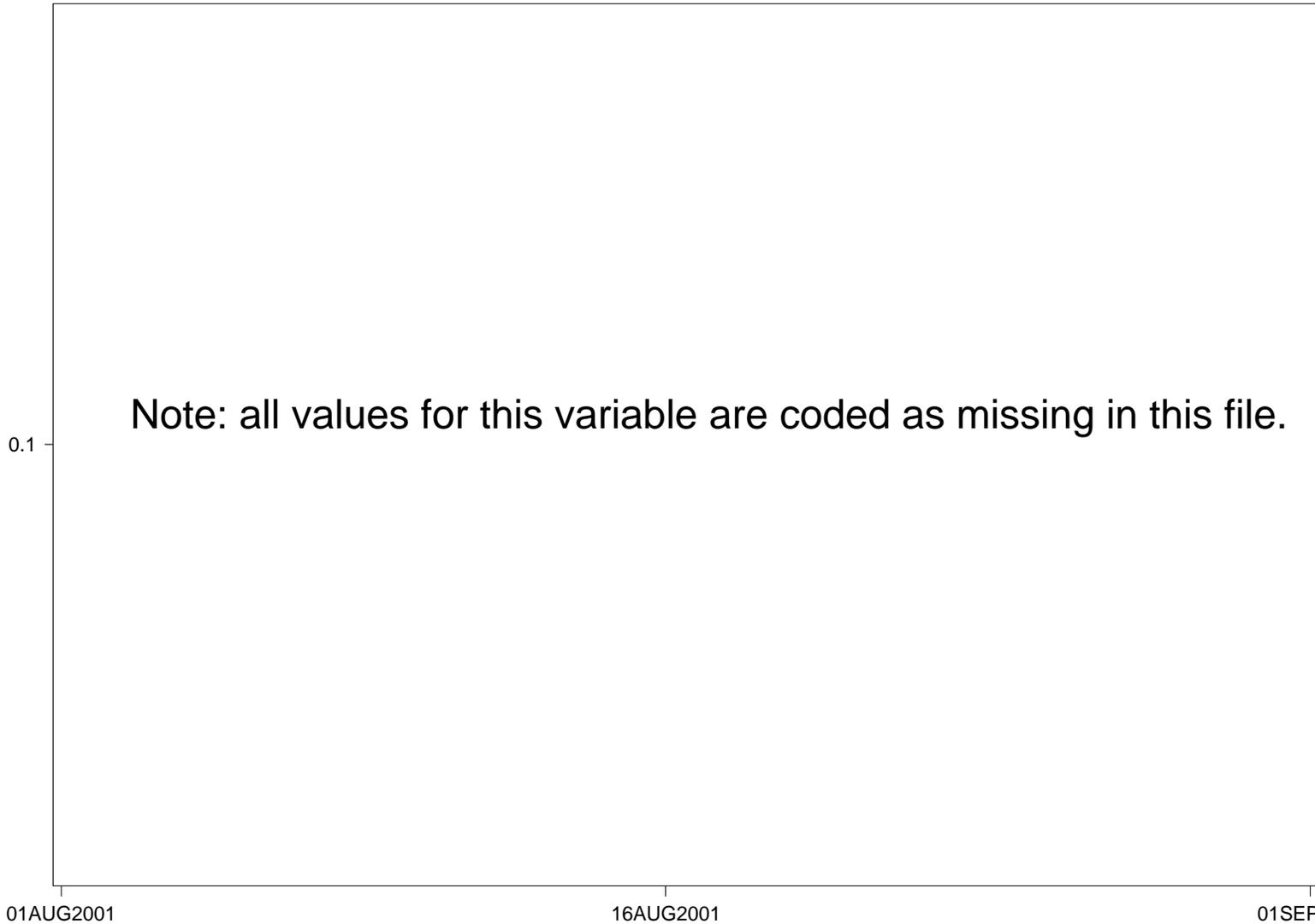
Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

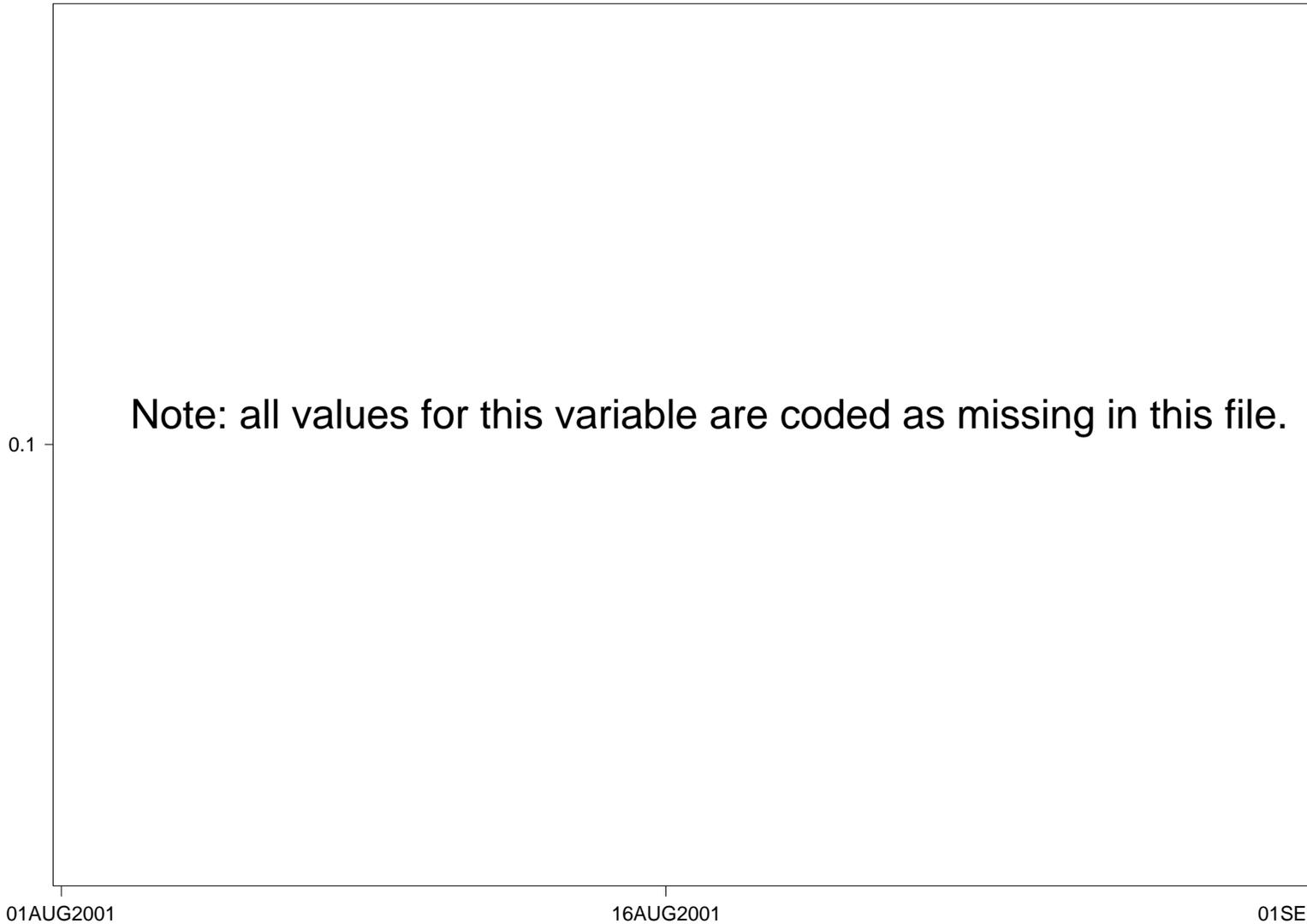
Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

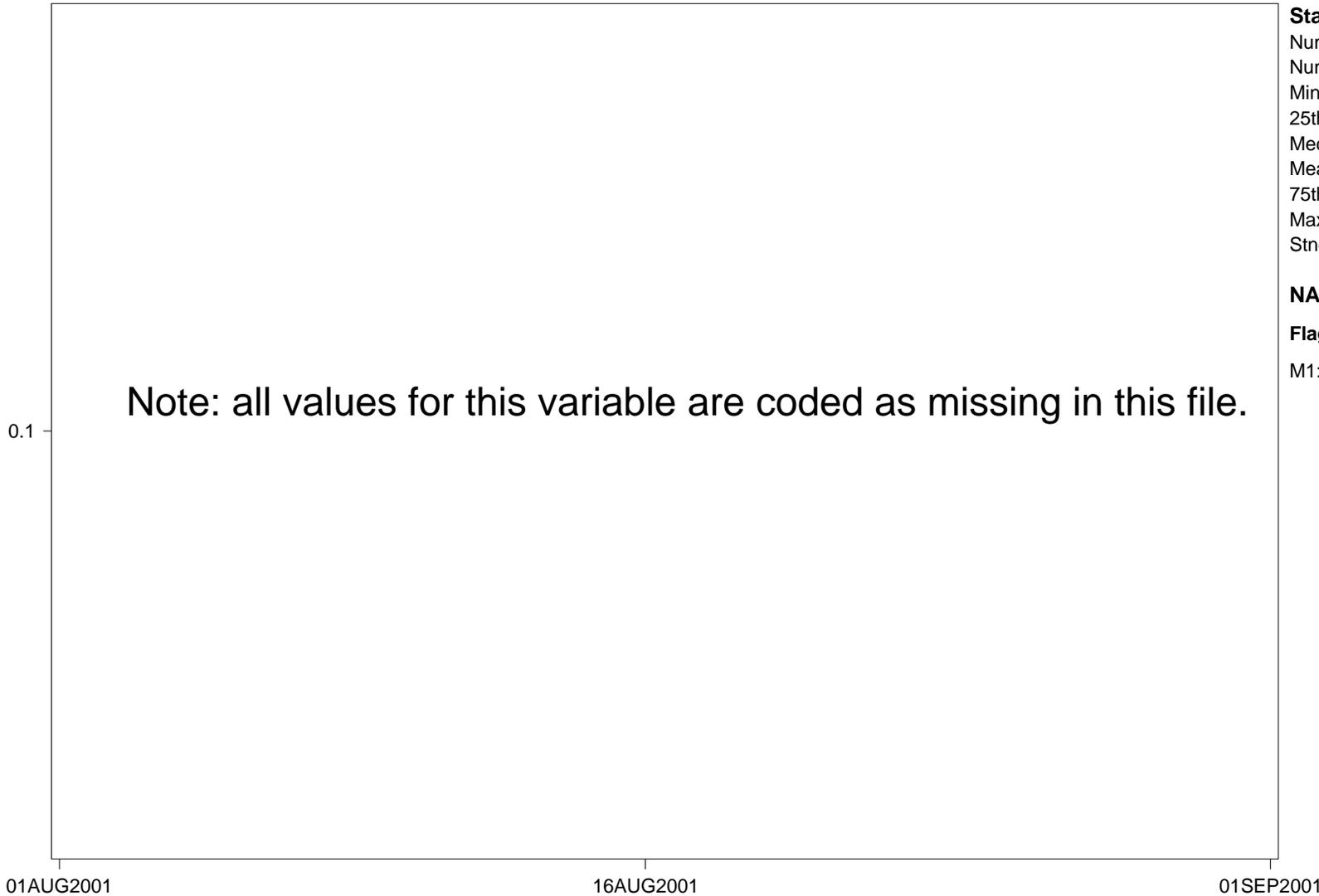
Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

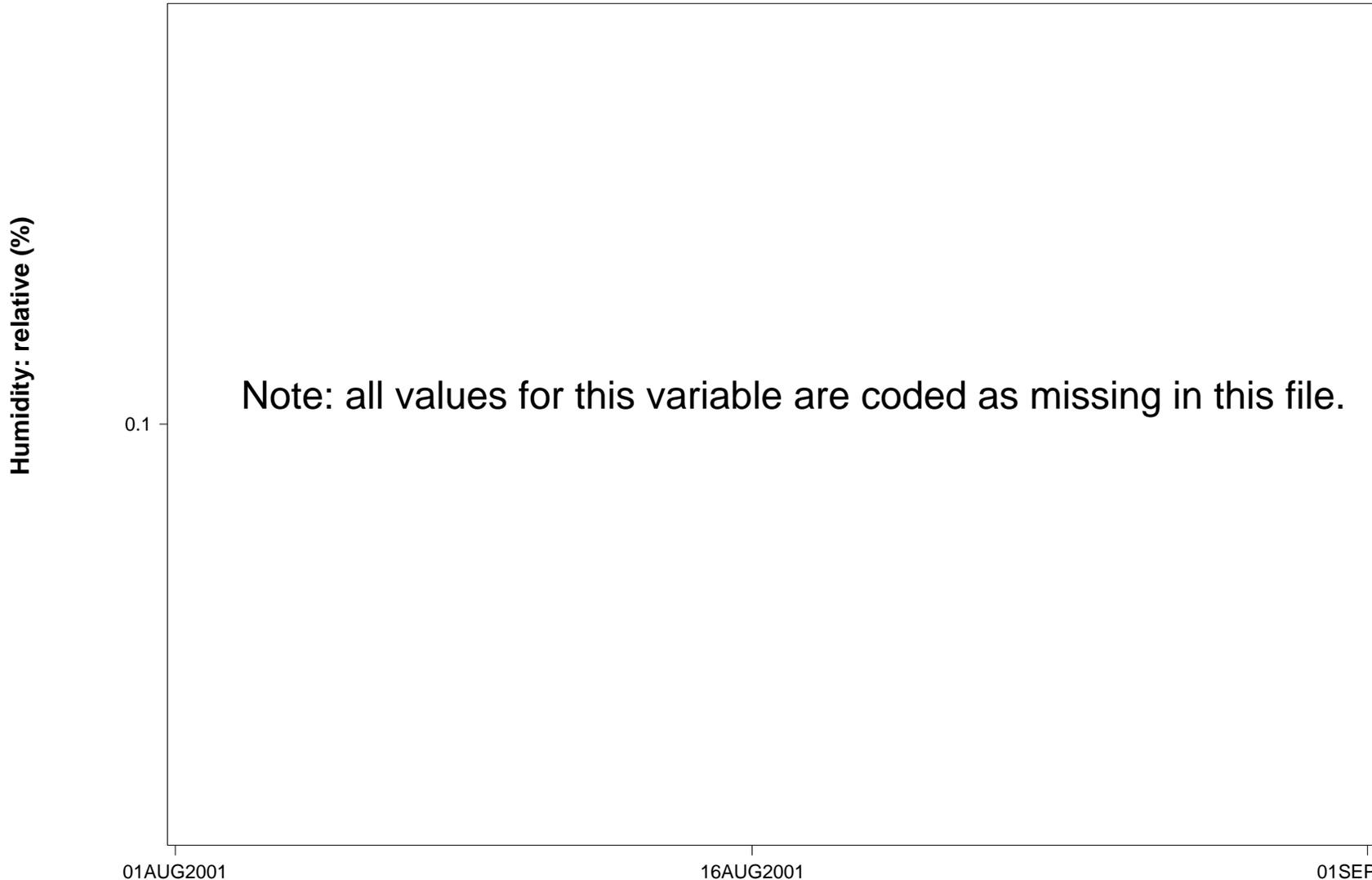
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

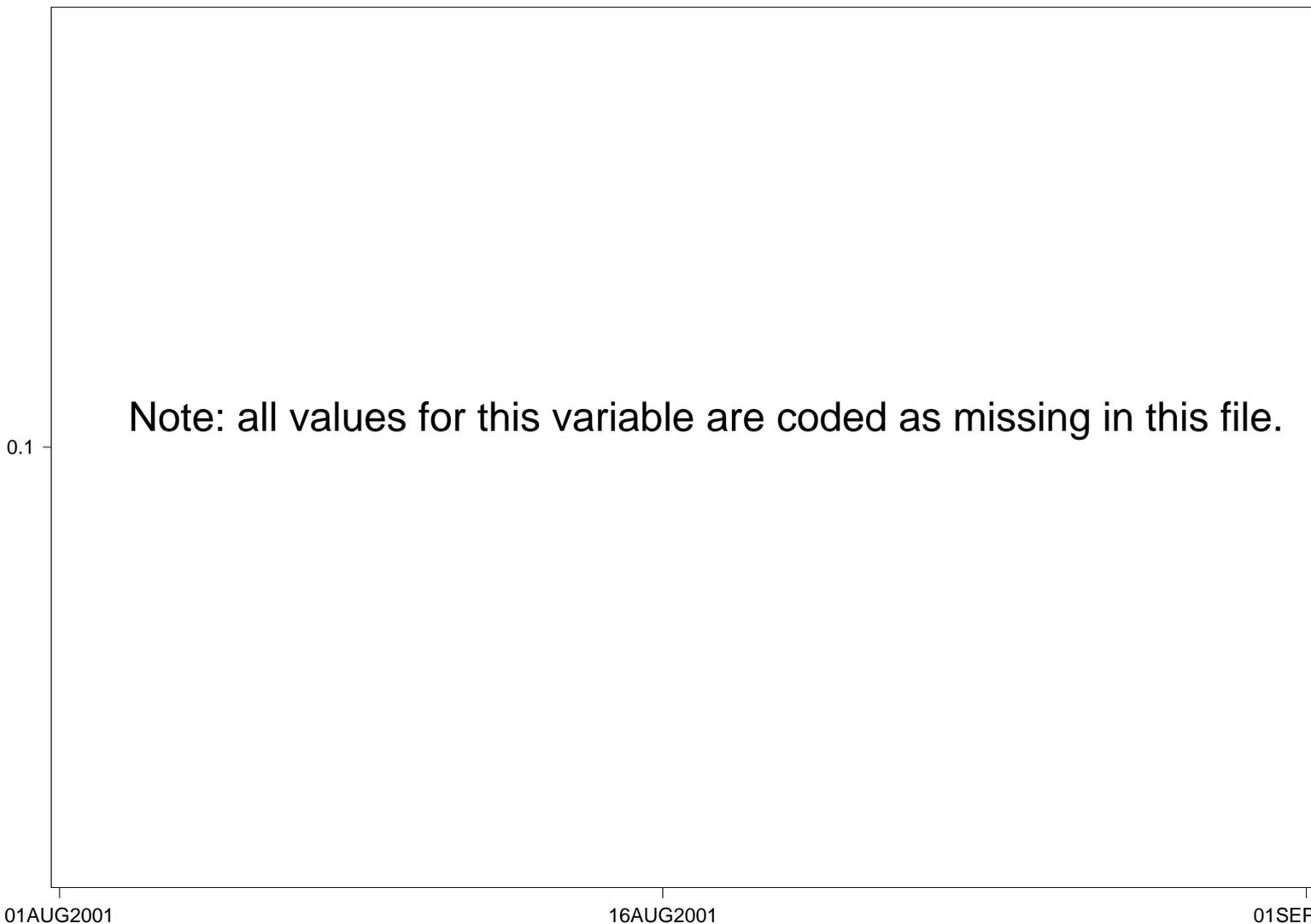
Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Light backscattering coefficient (1/km)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

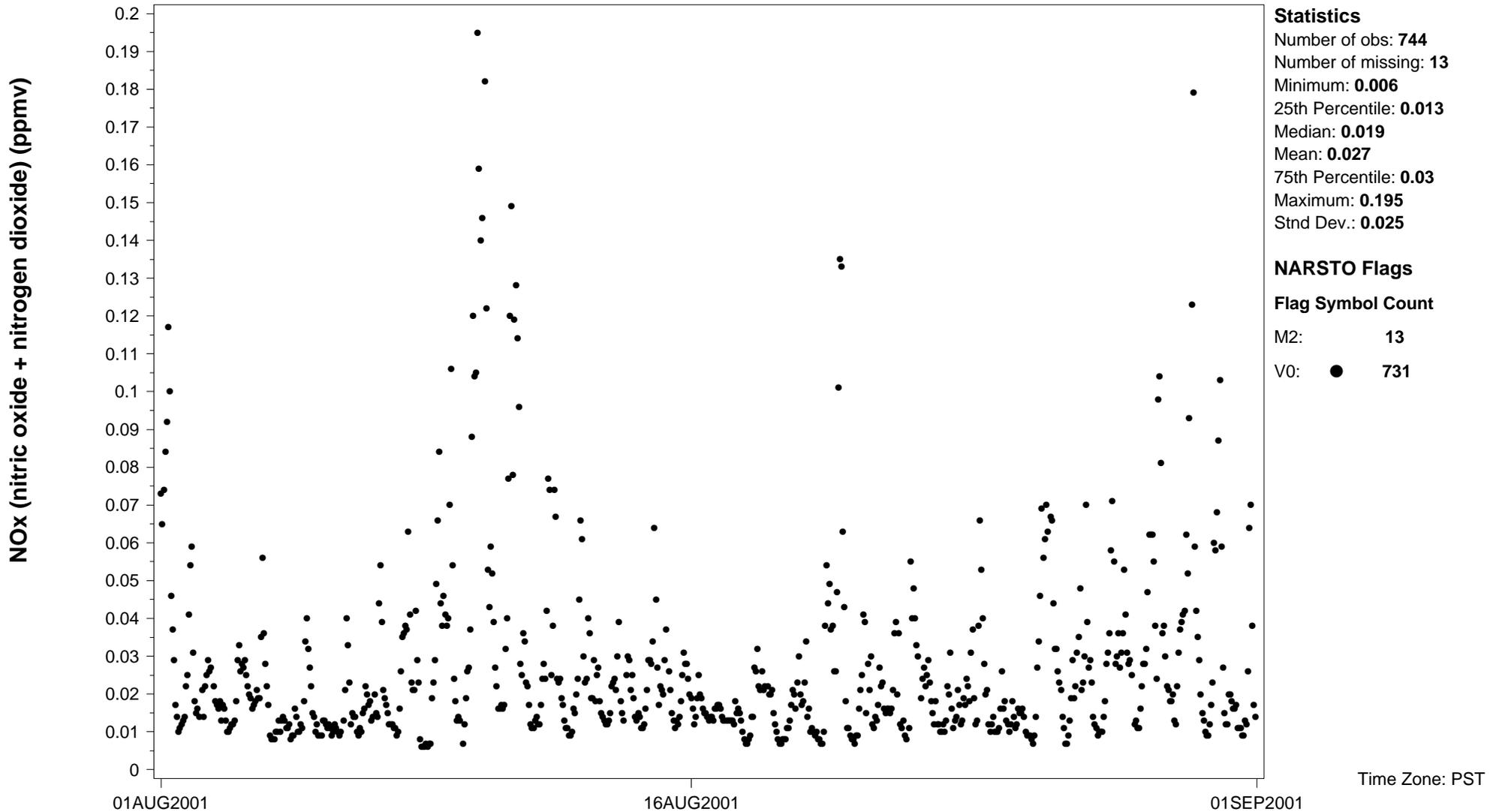
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



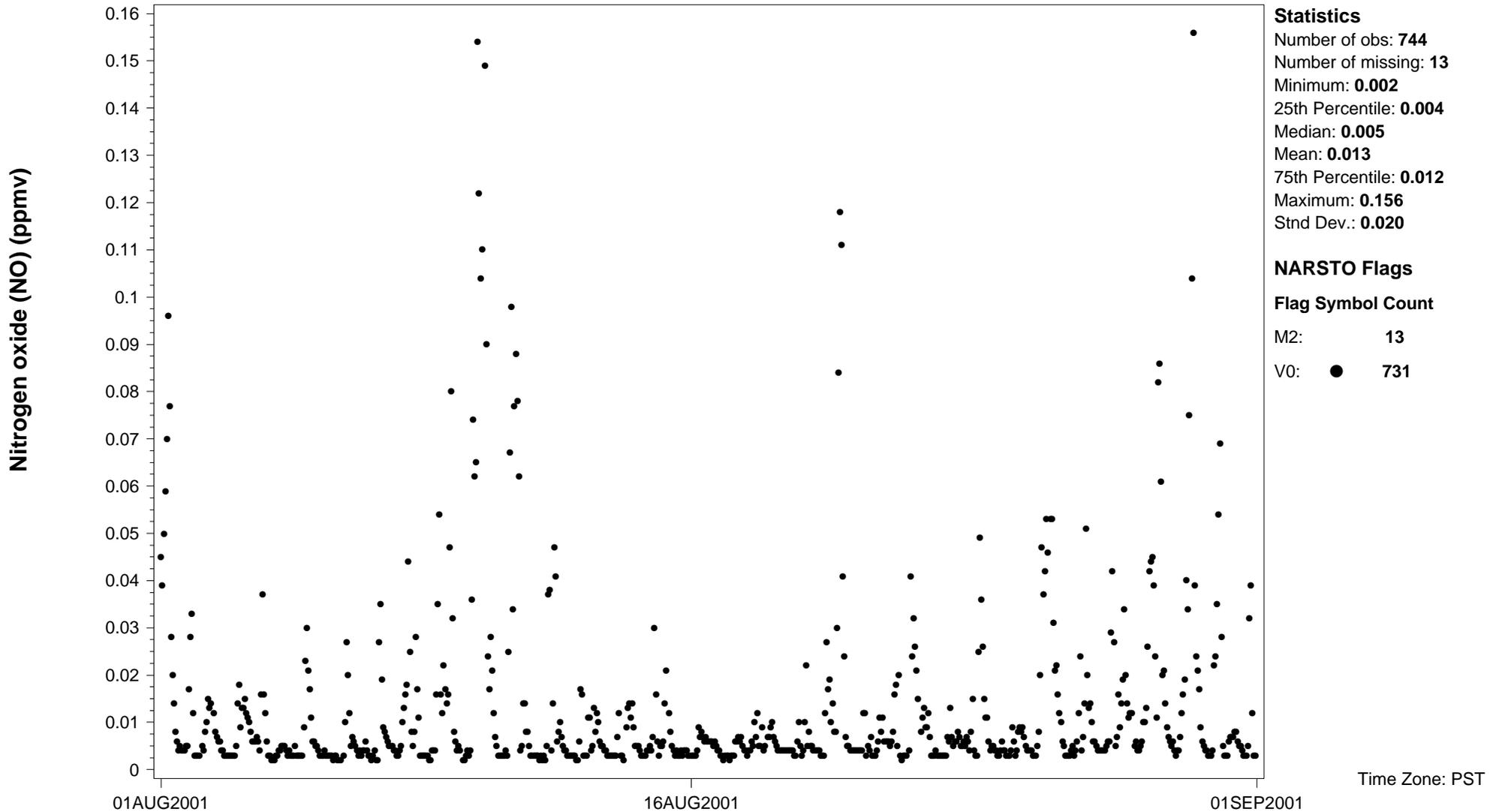
NATChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

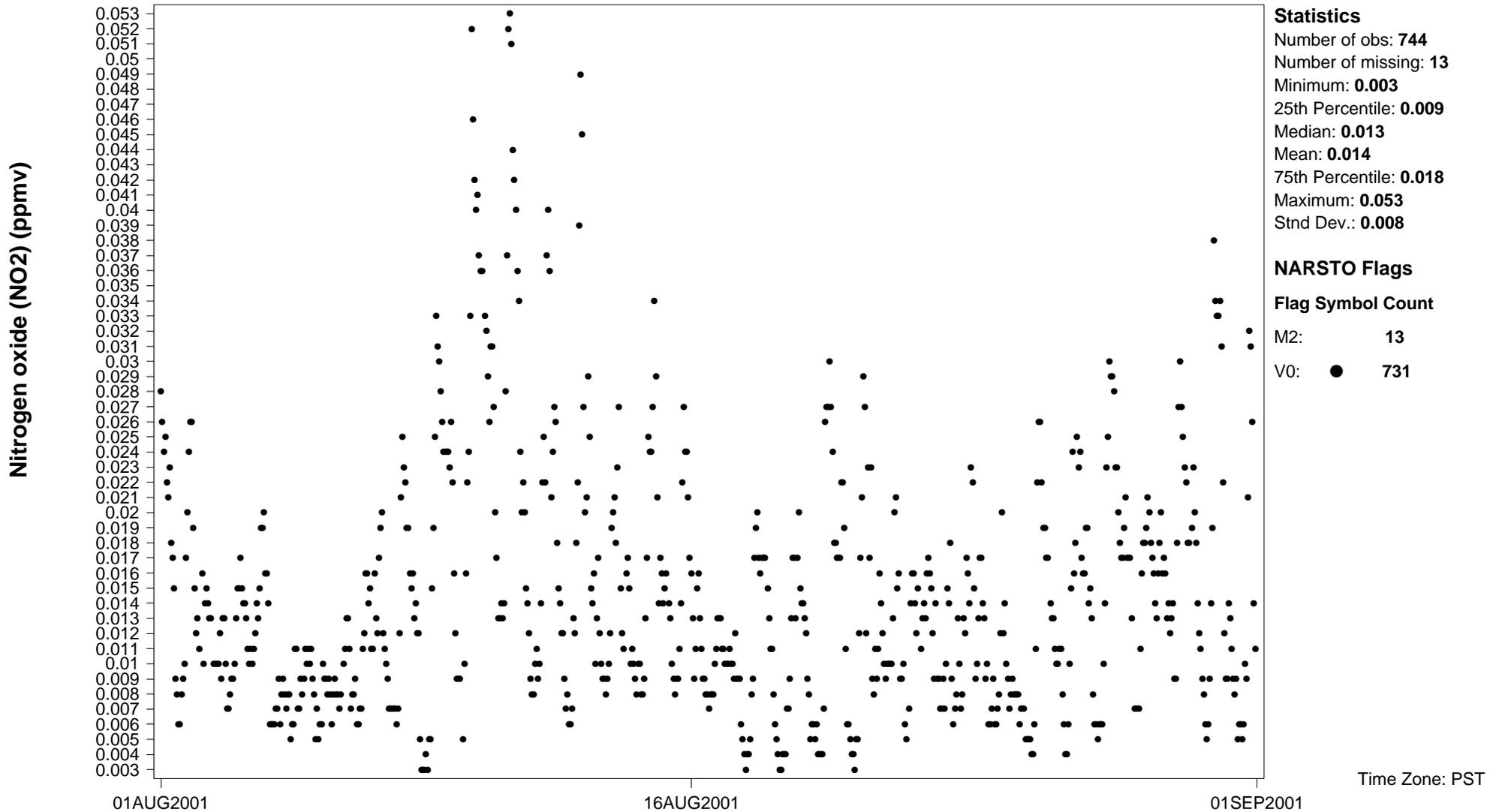


NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



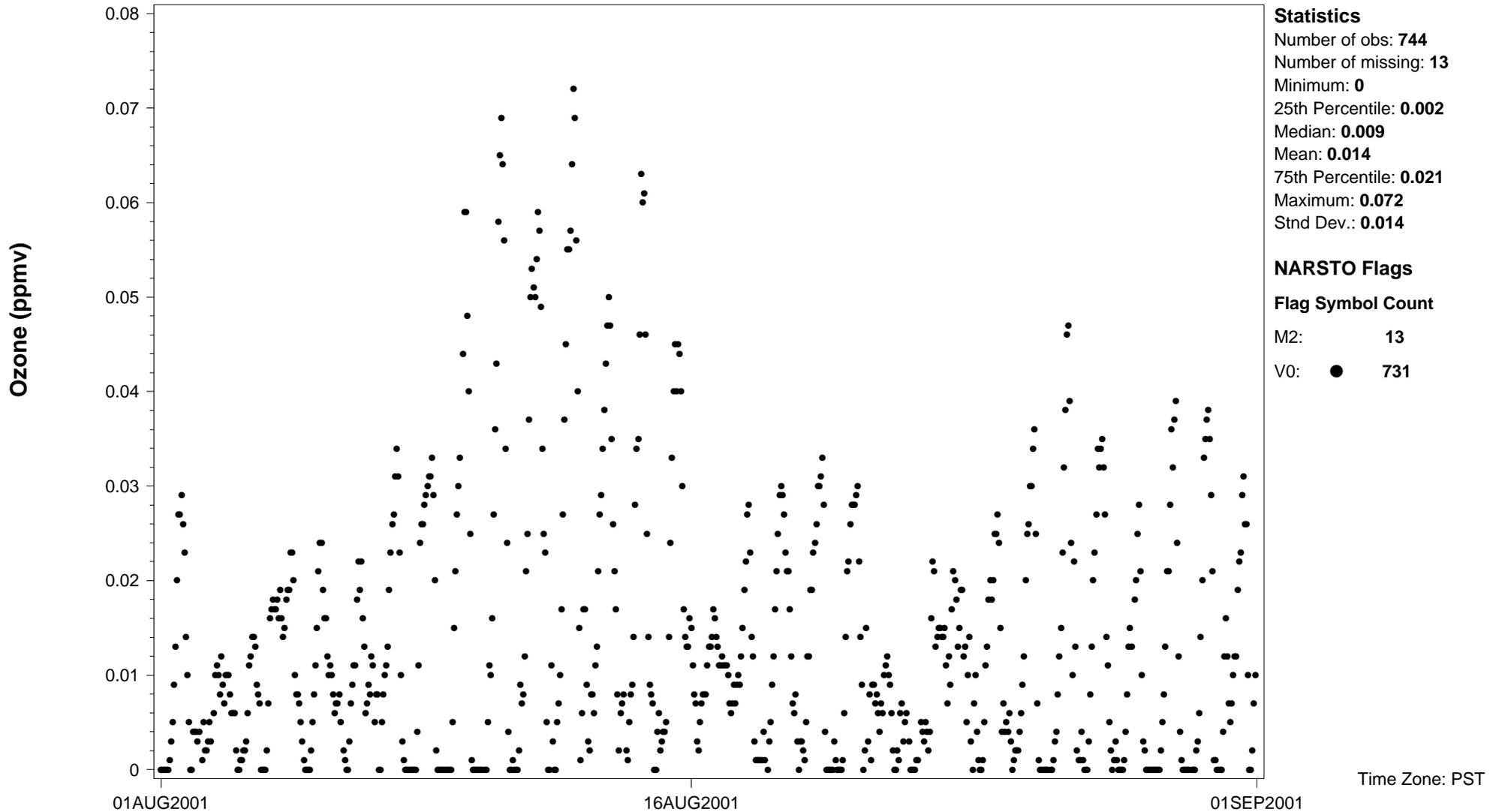
NATchem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



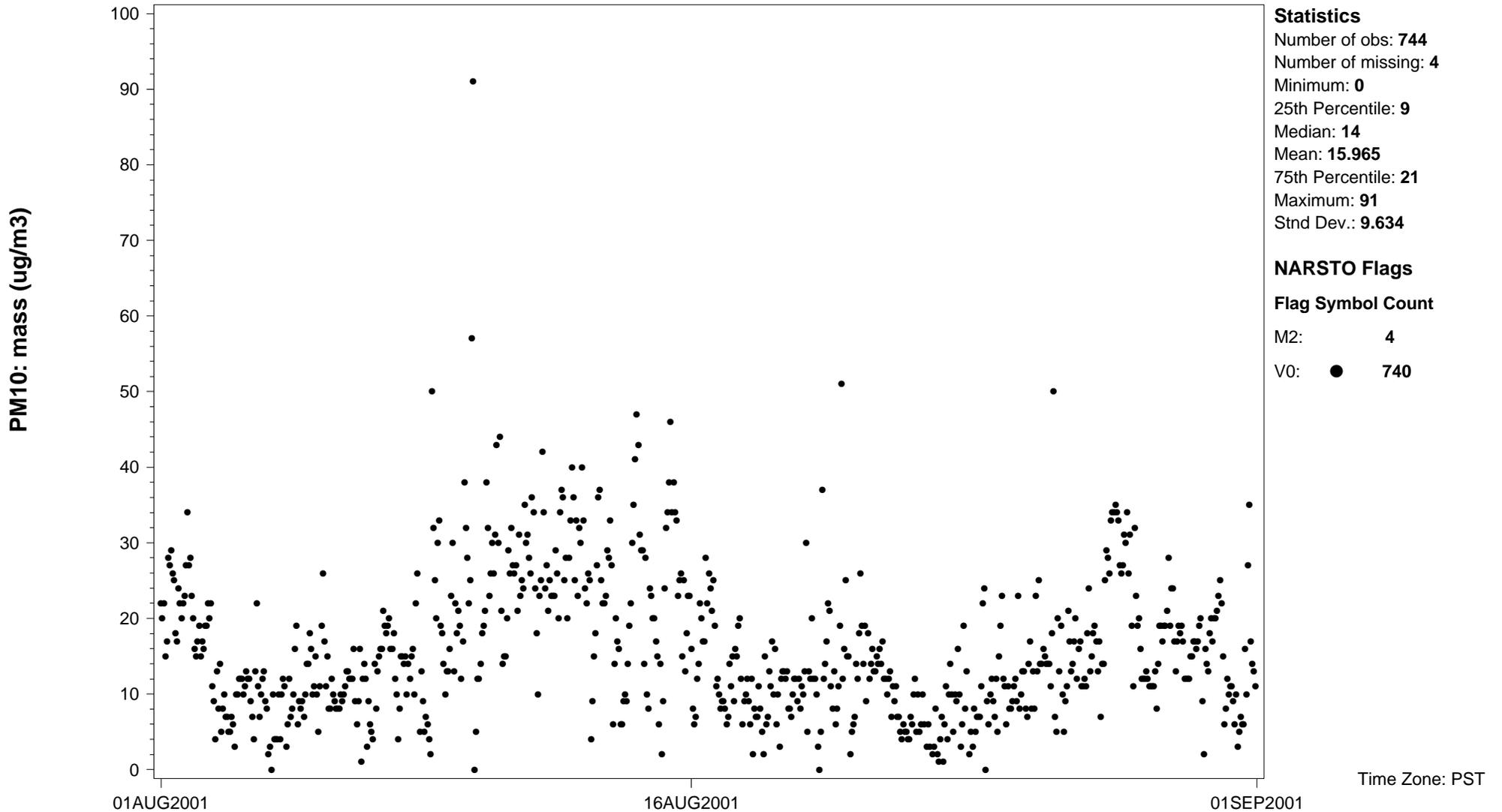
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

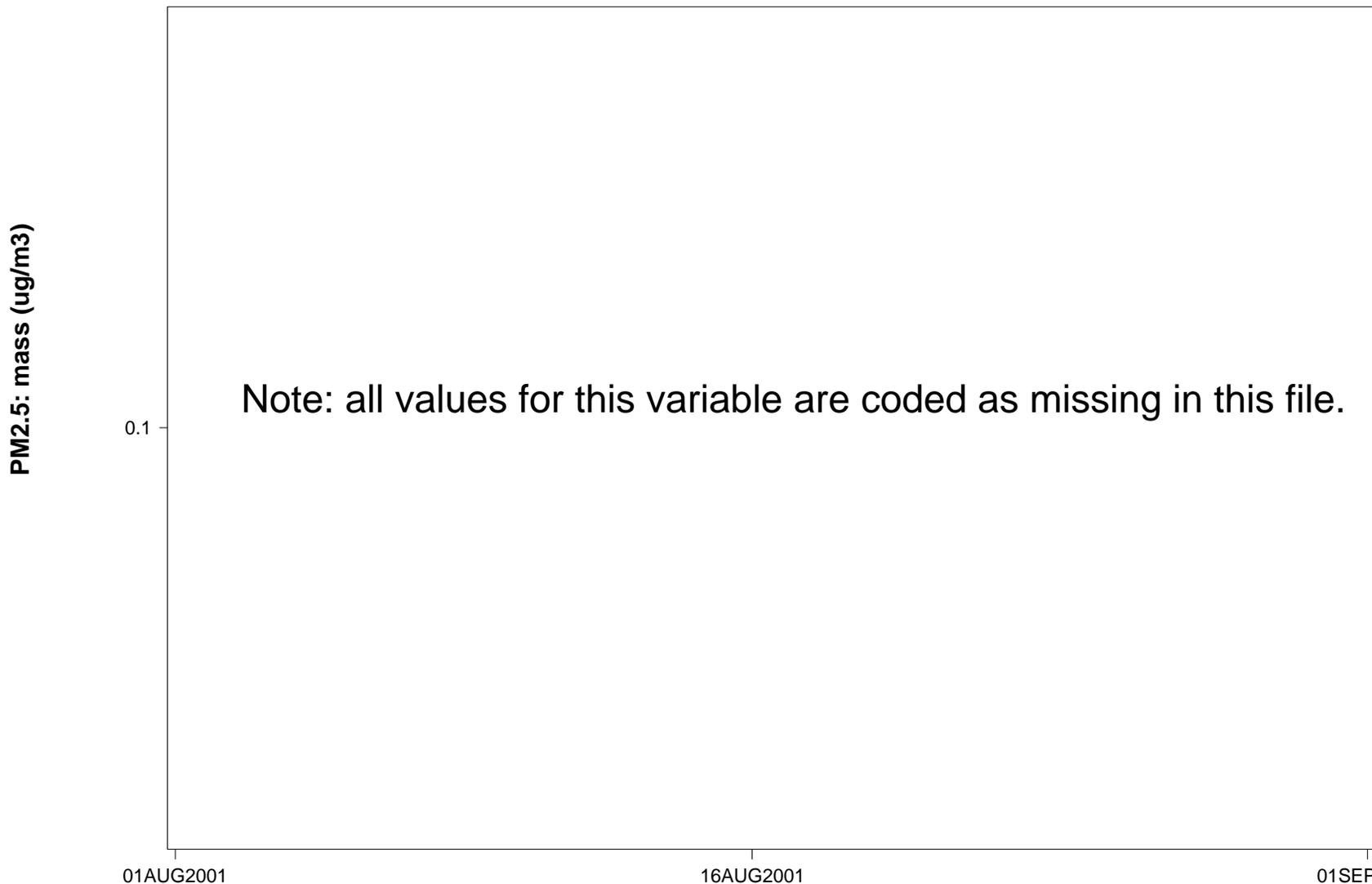
Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



Site ID: **PC01CABCT033** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Std Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

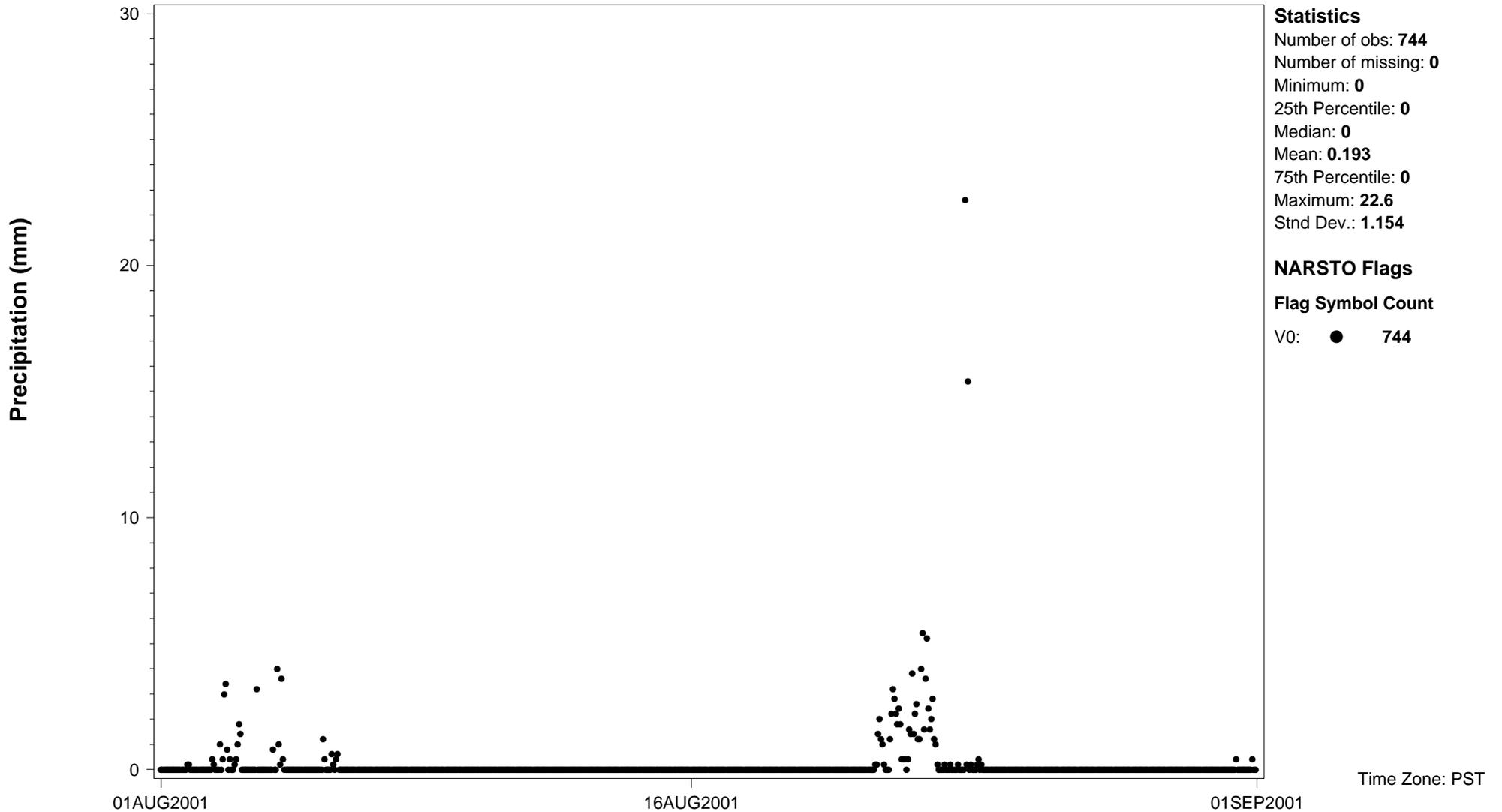
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

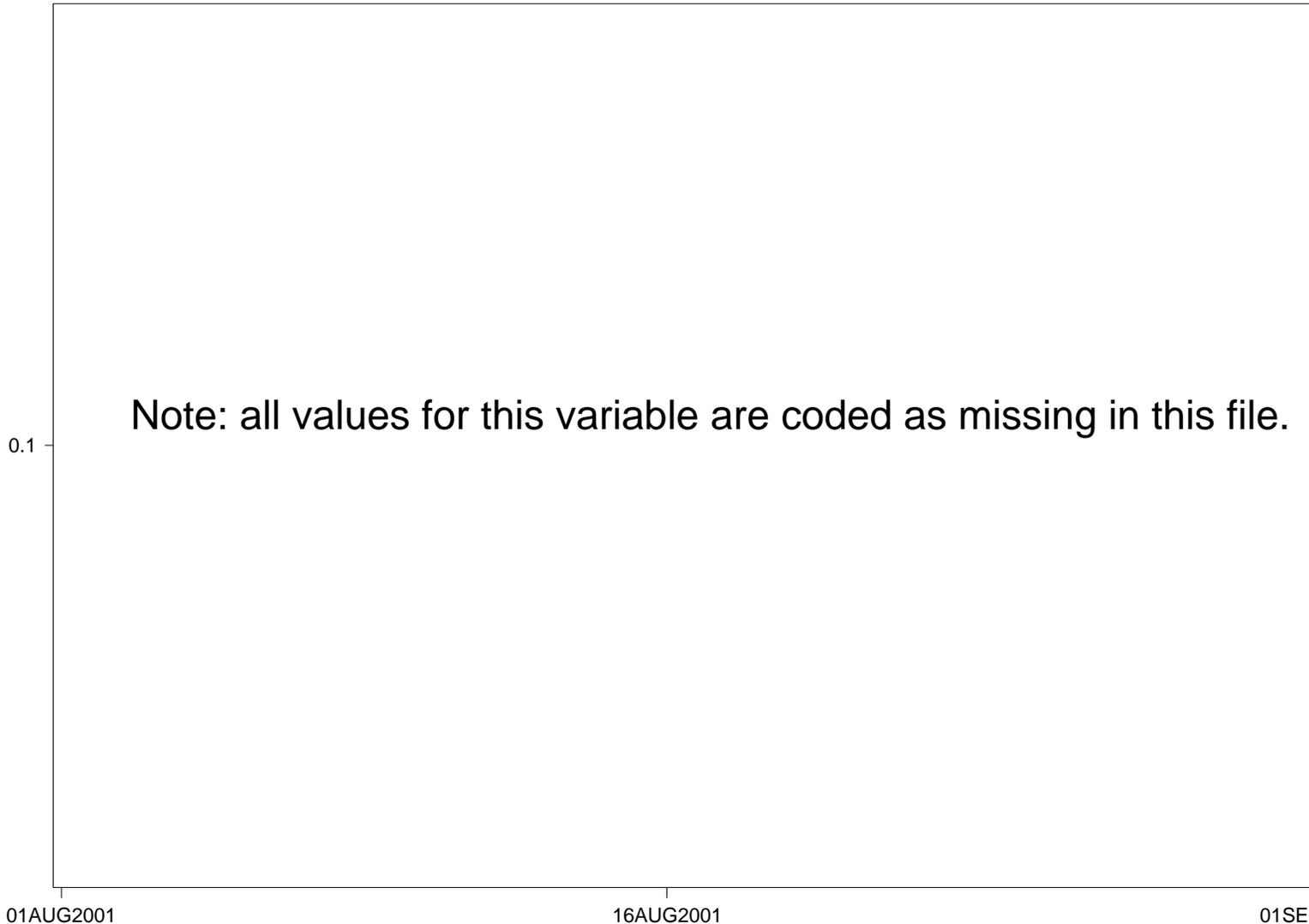


Site ID: **PC01CABCT033** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Pressure: atmospheric barometric (kPa)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

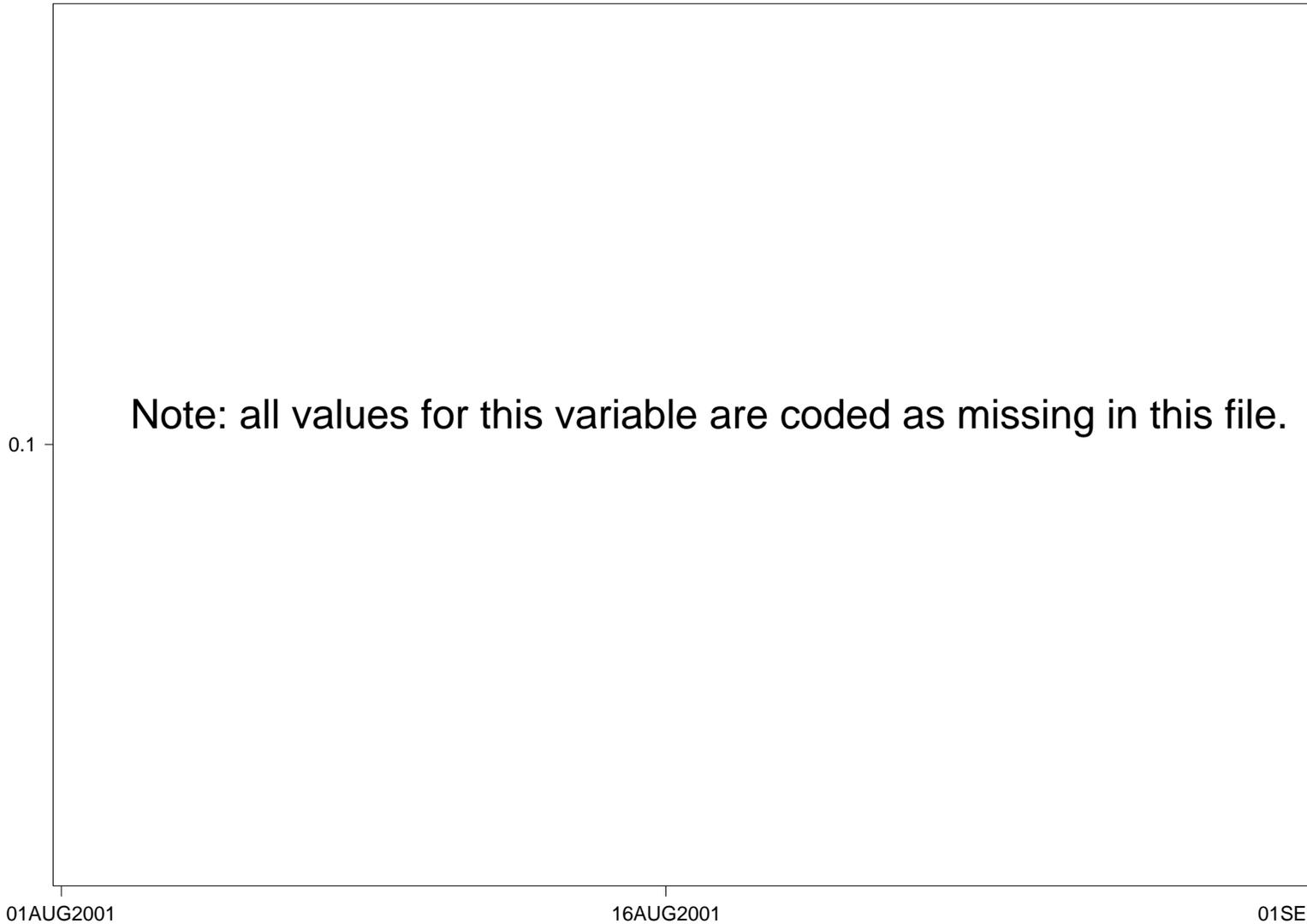
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Radiation: ultraviolet downwelling (W/m2)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

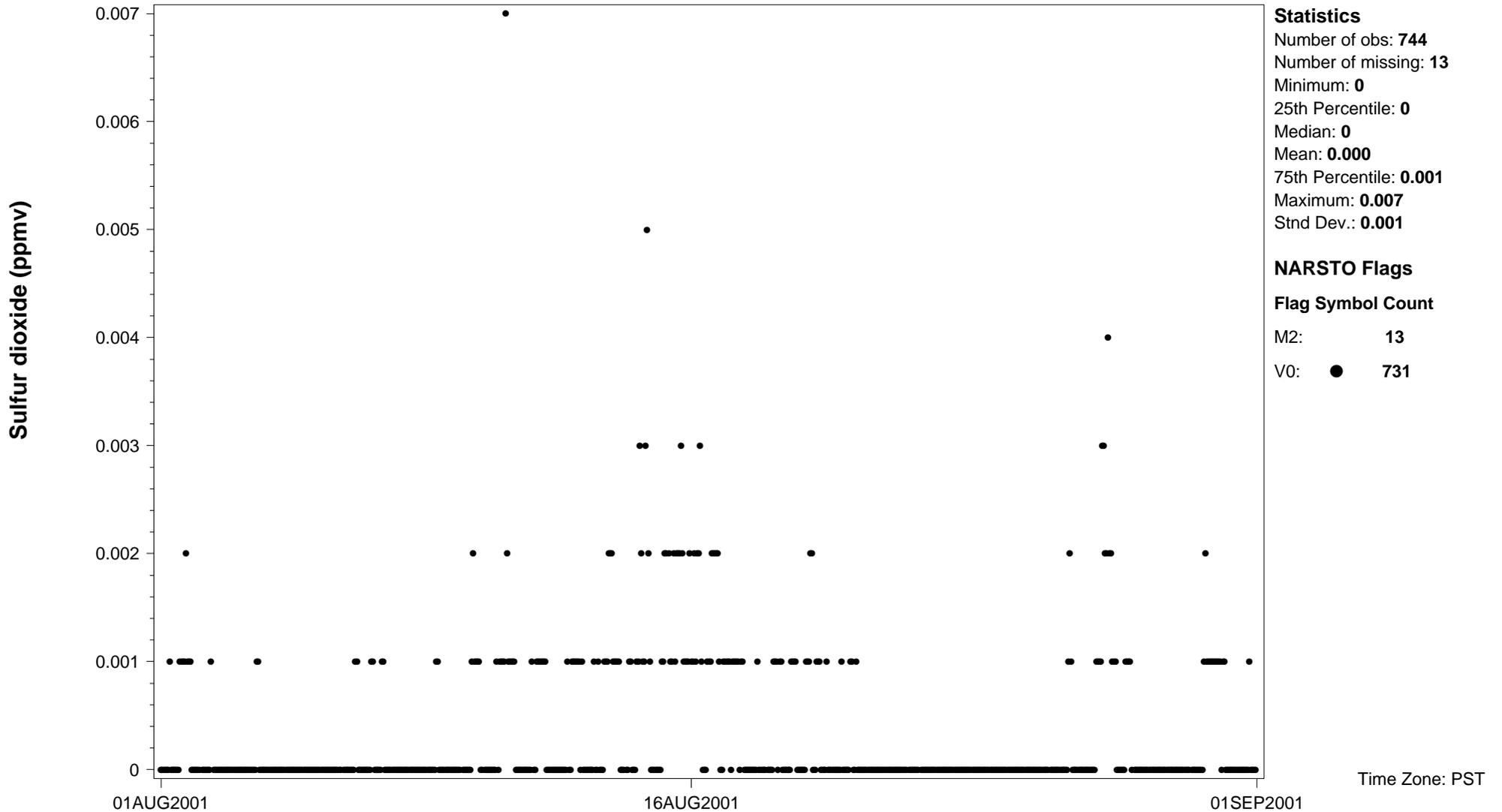
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

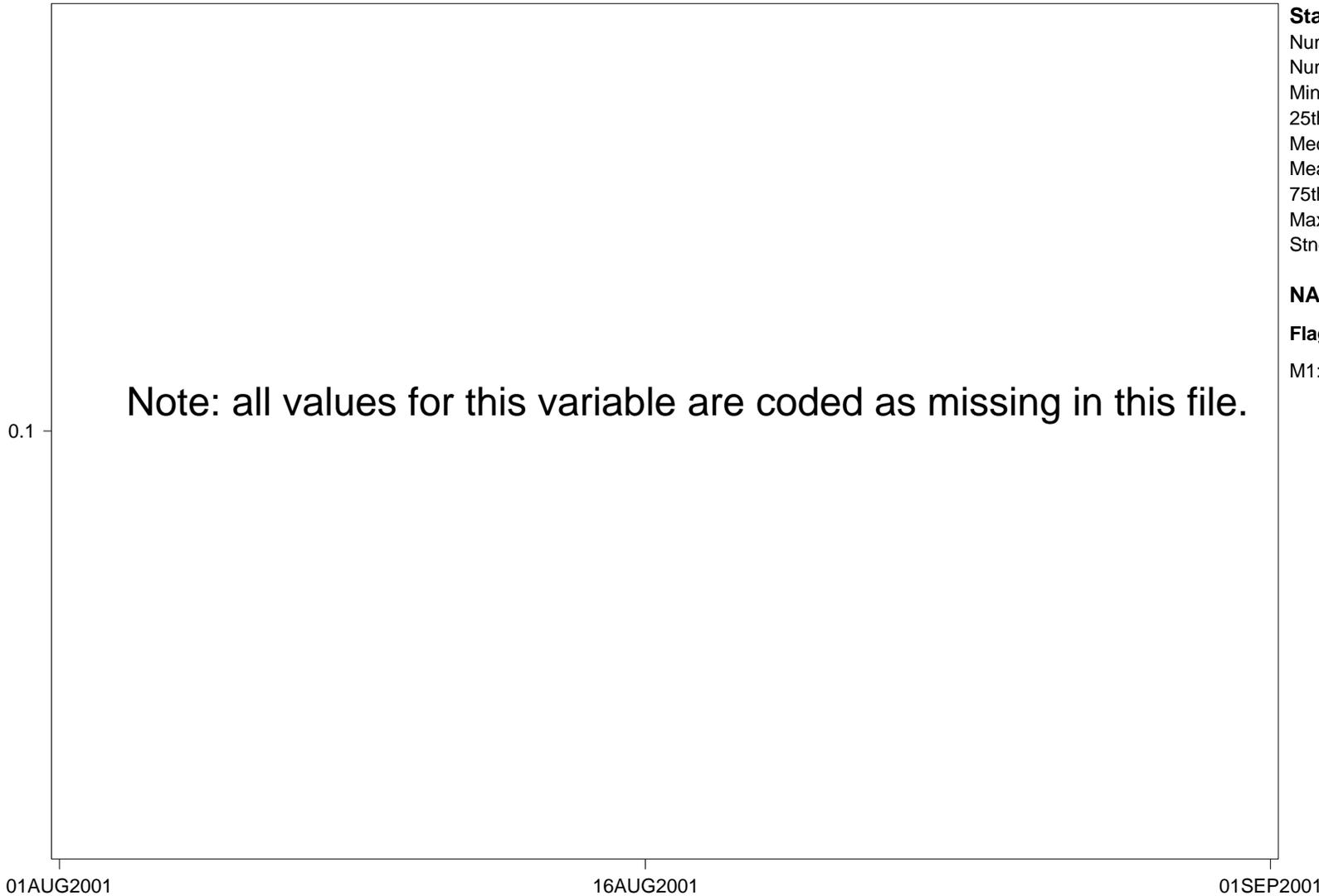


Site ID: **PC01CABCT033** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Note: all values for this variable are coded as missing in this file.

Time Zone: PST

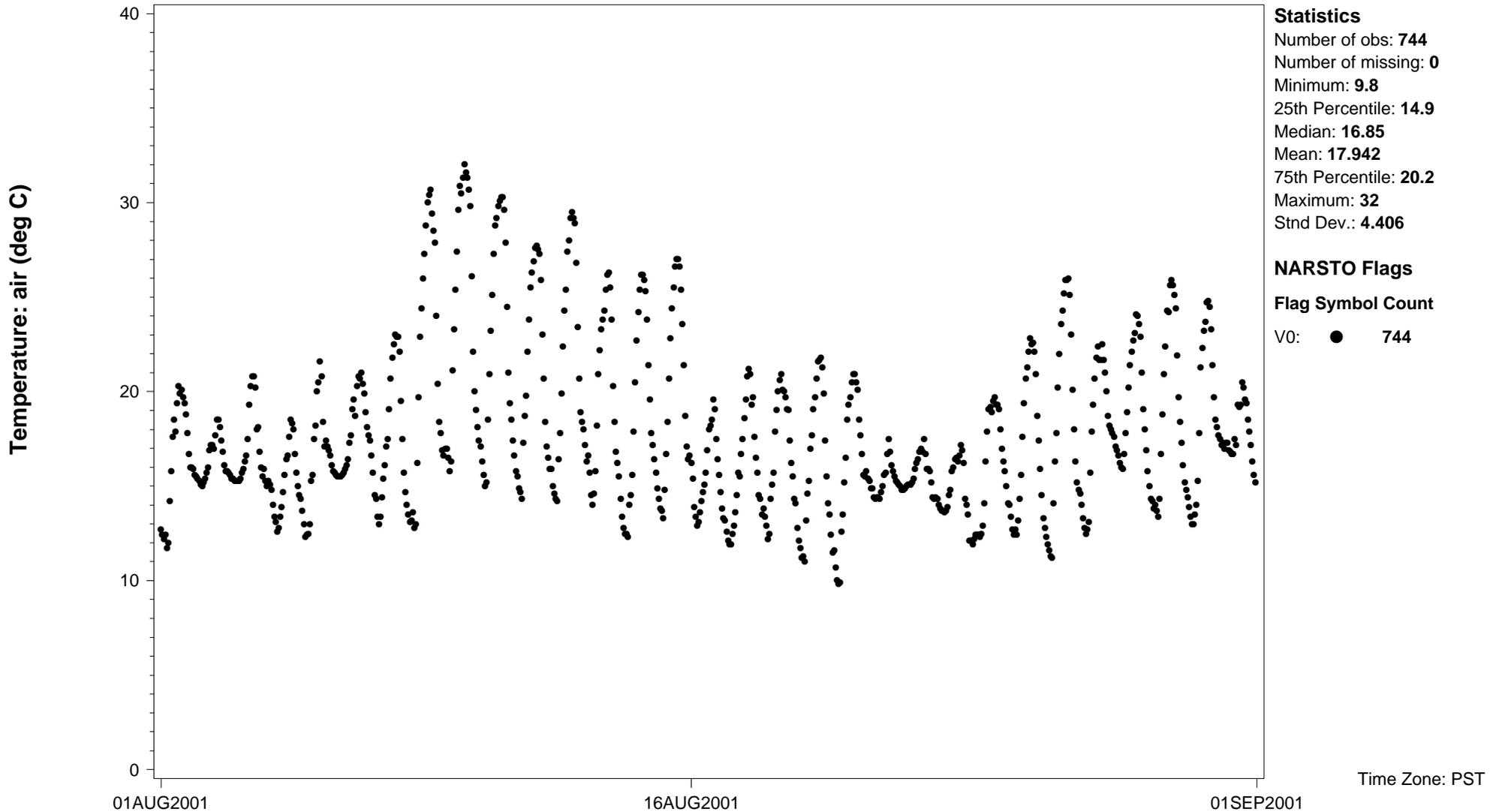
# NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

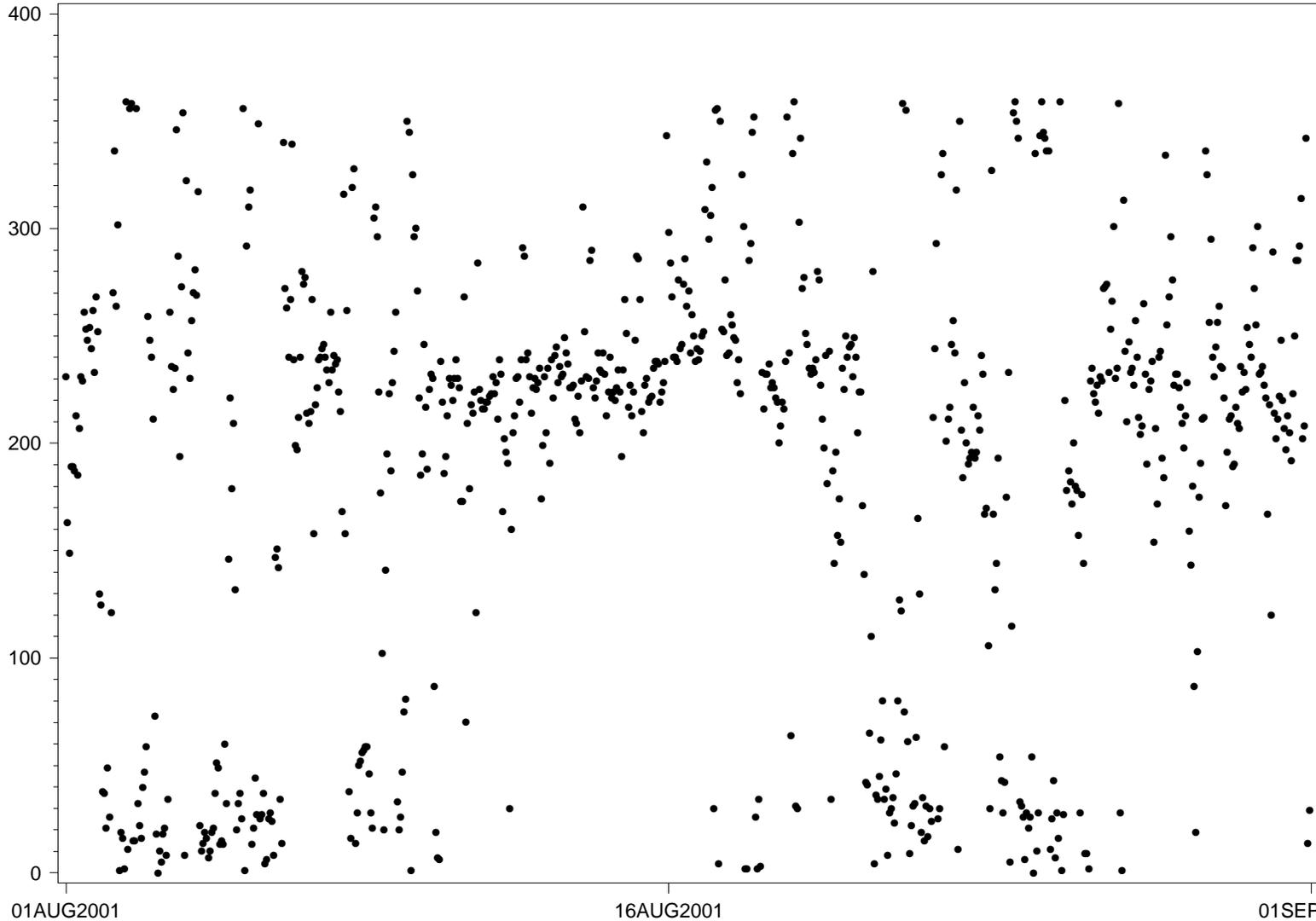


Site ID: **PC01CABCT033** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **128.5**  
 Median: **221.5**  
 Mean: **188.320**  
 75th Percentile: **244**  
 Maximum: **359**  
 Stnd Dev.: **99.514**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

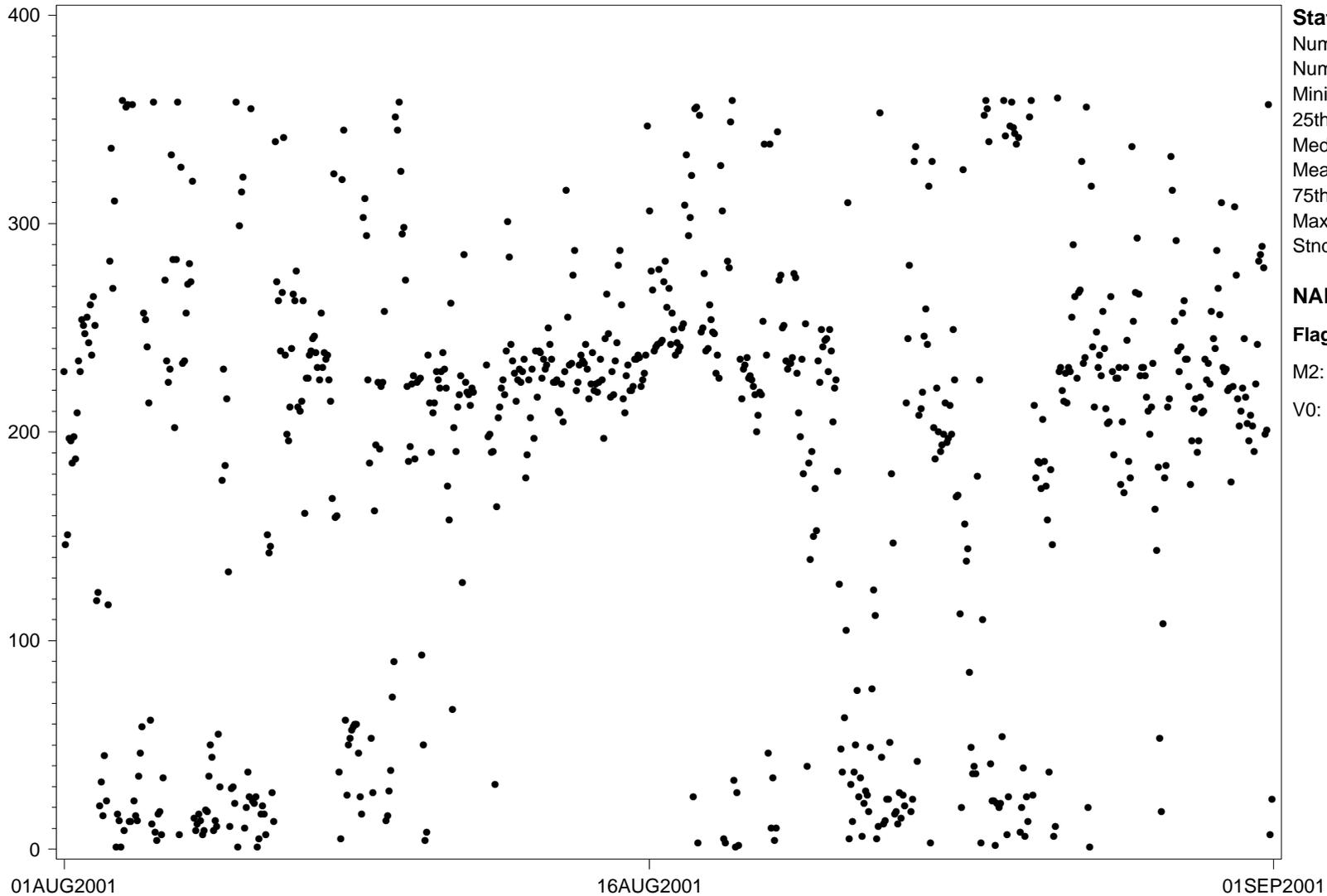
Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **7**  
 Minimum: **1**  
 25th Percentile: **127**  
 Median: **222**  
 Mean: **188.054**  
 75th Percentile: **245**  
 Maximum: **360**  
 Stnd Dev.: **101.270**

**NARSTO Flags**  
**Flag Symbol Count**  
 M2: **7**  
 V0: ● **737**

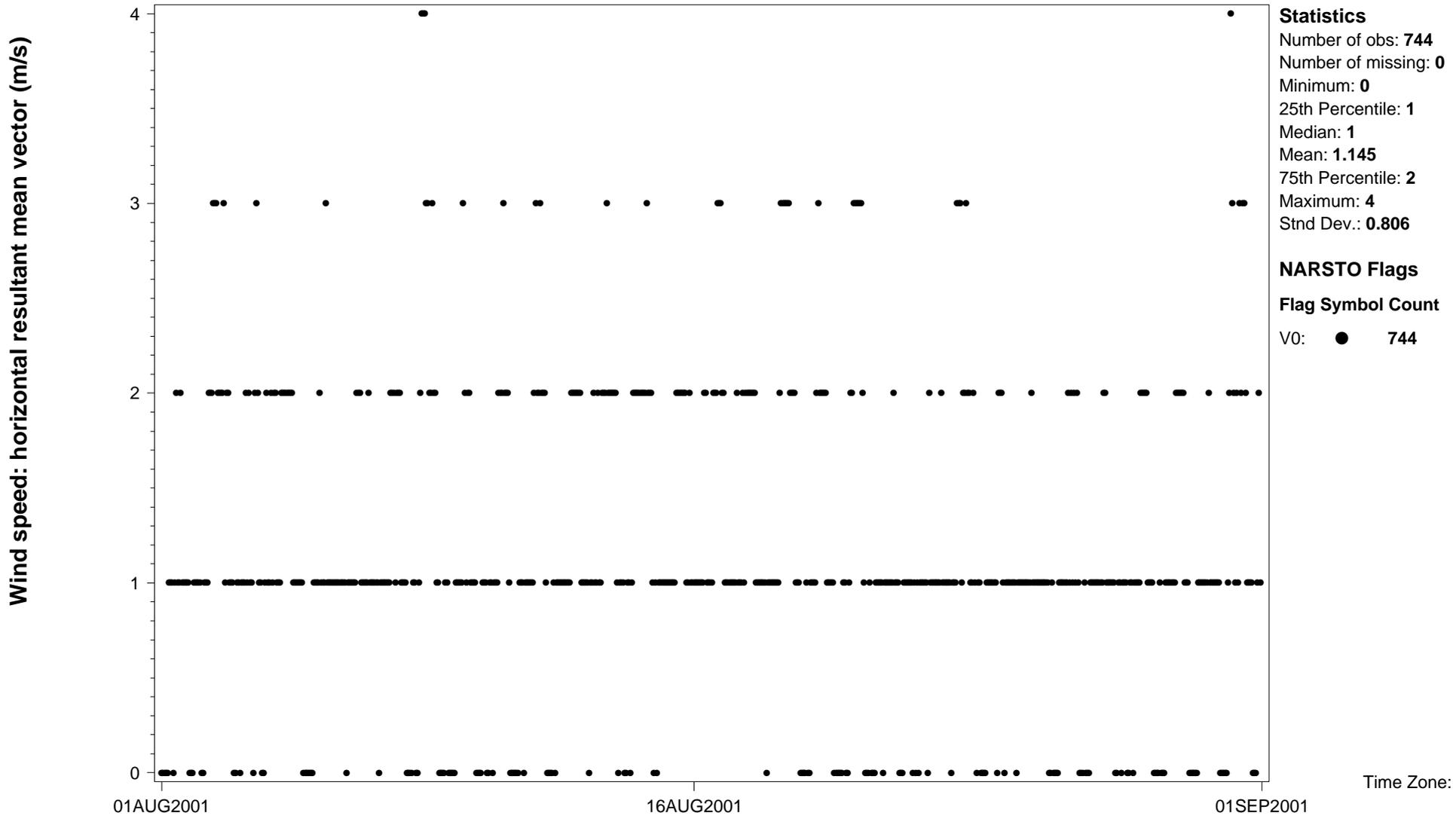
Time Zone: PST

NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT033** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**

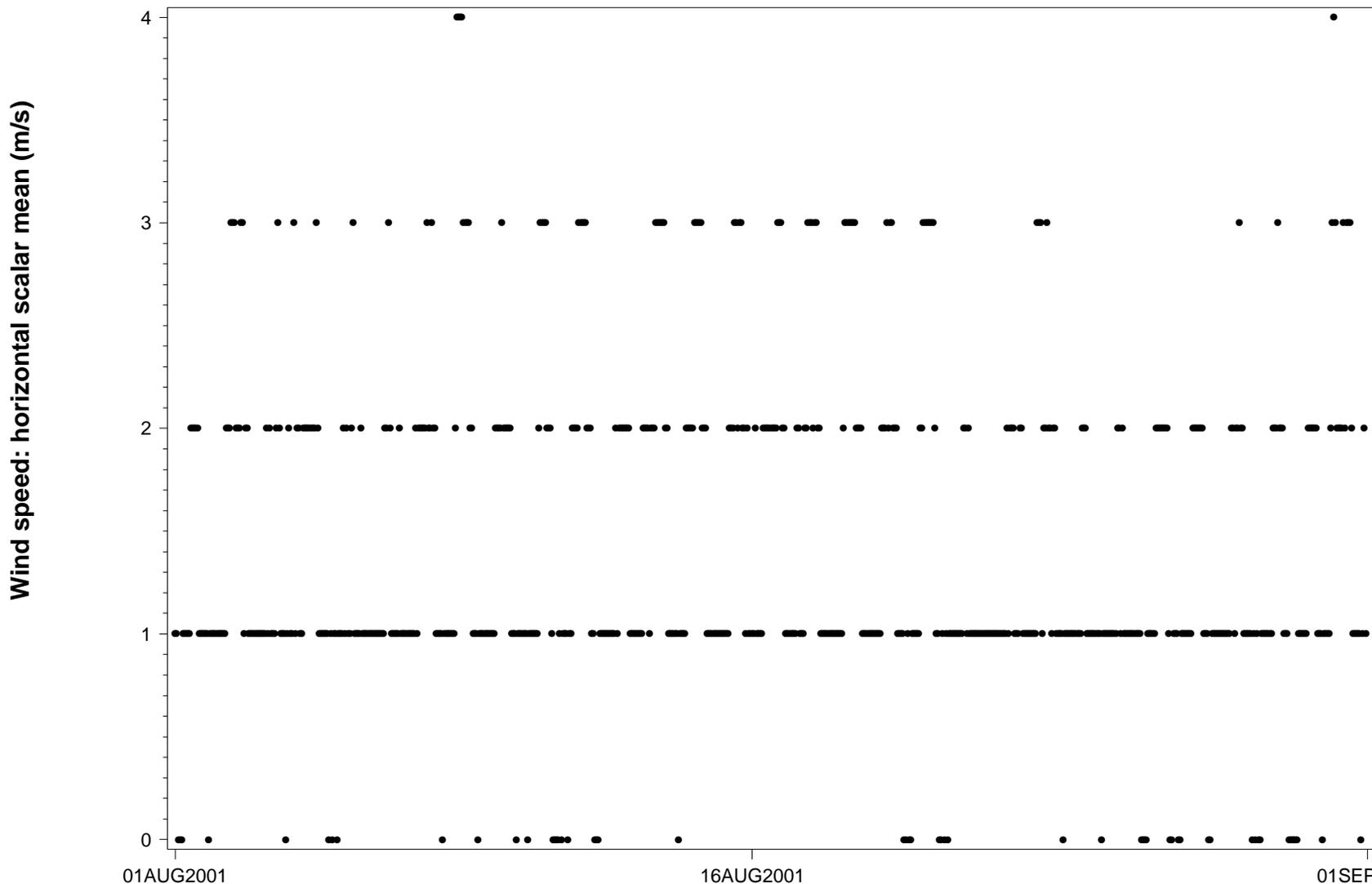


Time Zone: PST

Site ID: **PC01CABCT033** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **CENTRAL ABBOTSFORD - 32995 BEVAN AVE. AND PRIMROSE - ABBOTSFORD (Start Sept 1998), British Columbia** Latitude: **49.04277778 deg.** Longitude: **-12**



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **1**  
 Median: **1**  
 Mean: **1.423**  
 75th Percentile: **2**  
 Maximum: **4**  
 Stnd Dev.: **0.800**

**NARSTO Flags**  
**Flag Symbol Count**  
 V0: ● **744**

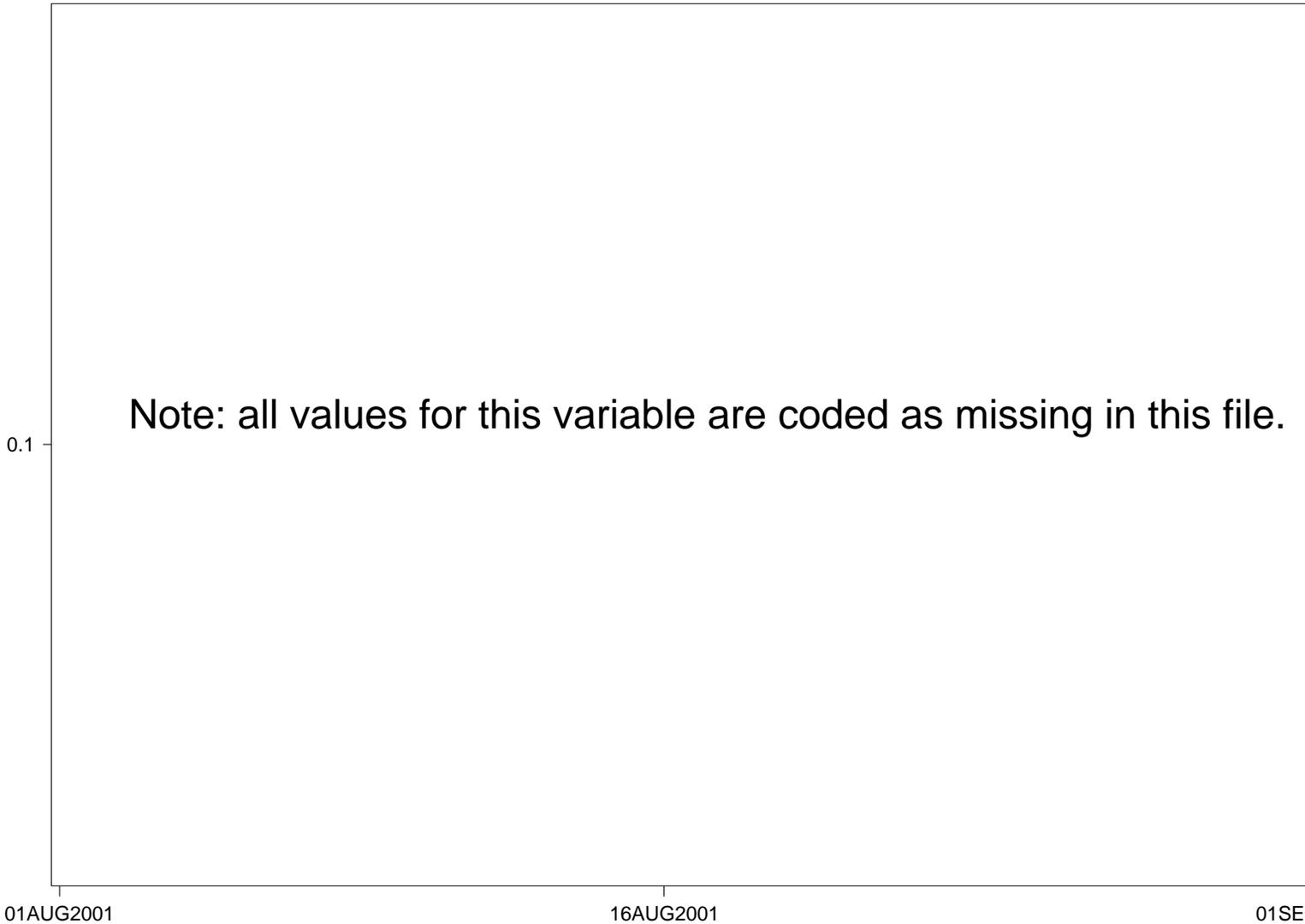
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Carbon monoxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C630-08-0** Observation type: **Gas** Instrument name and model number: **Teco 48,48C**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Carbon monoxide (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

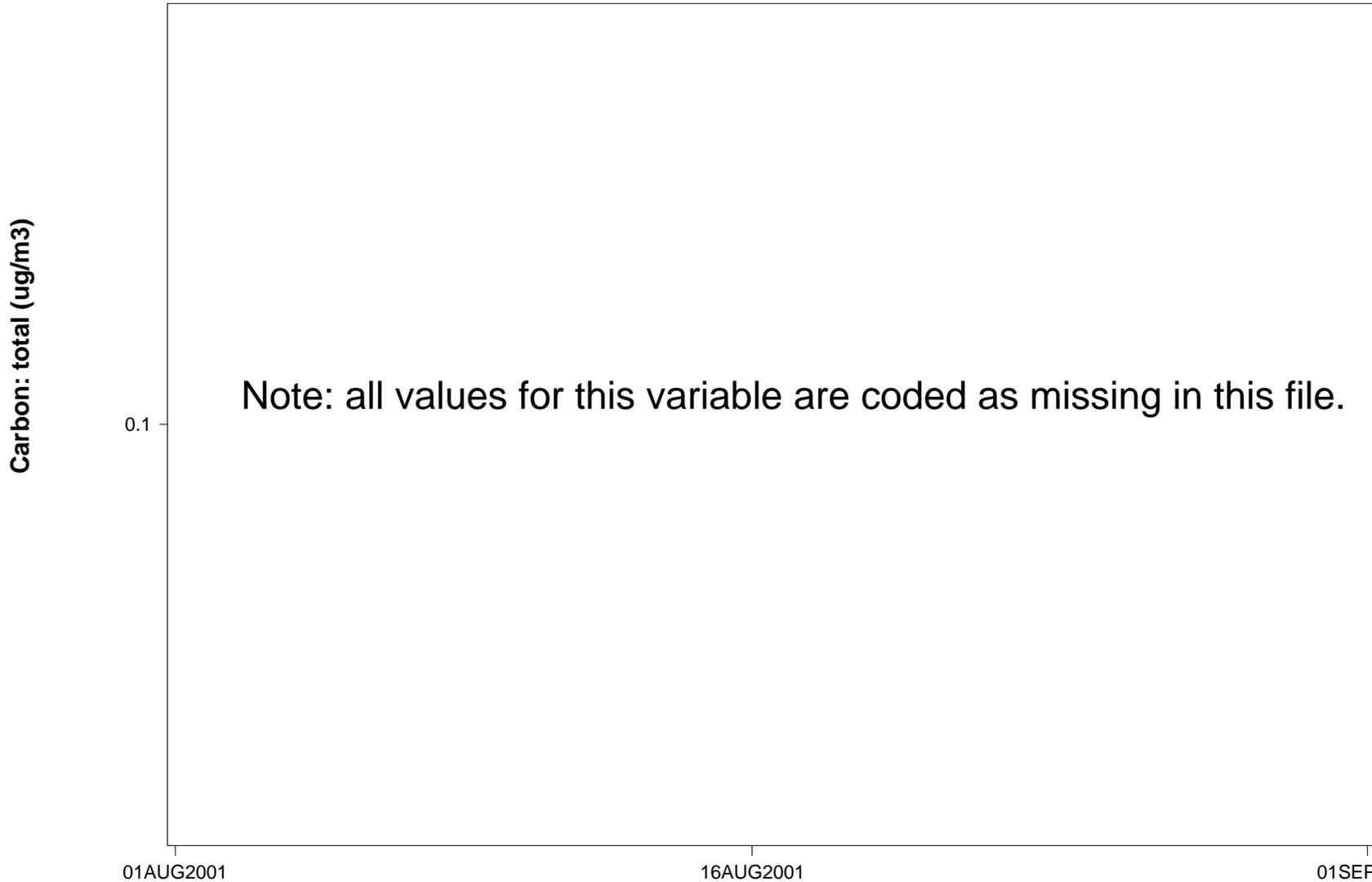
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Carbon: total** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

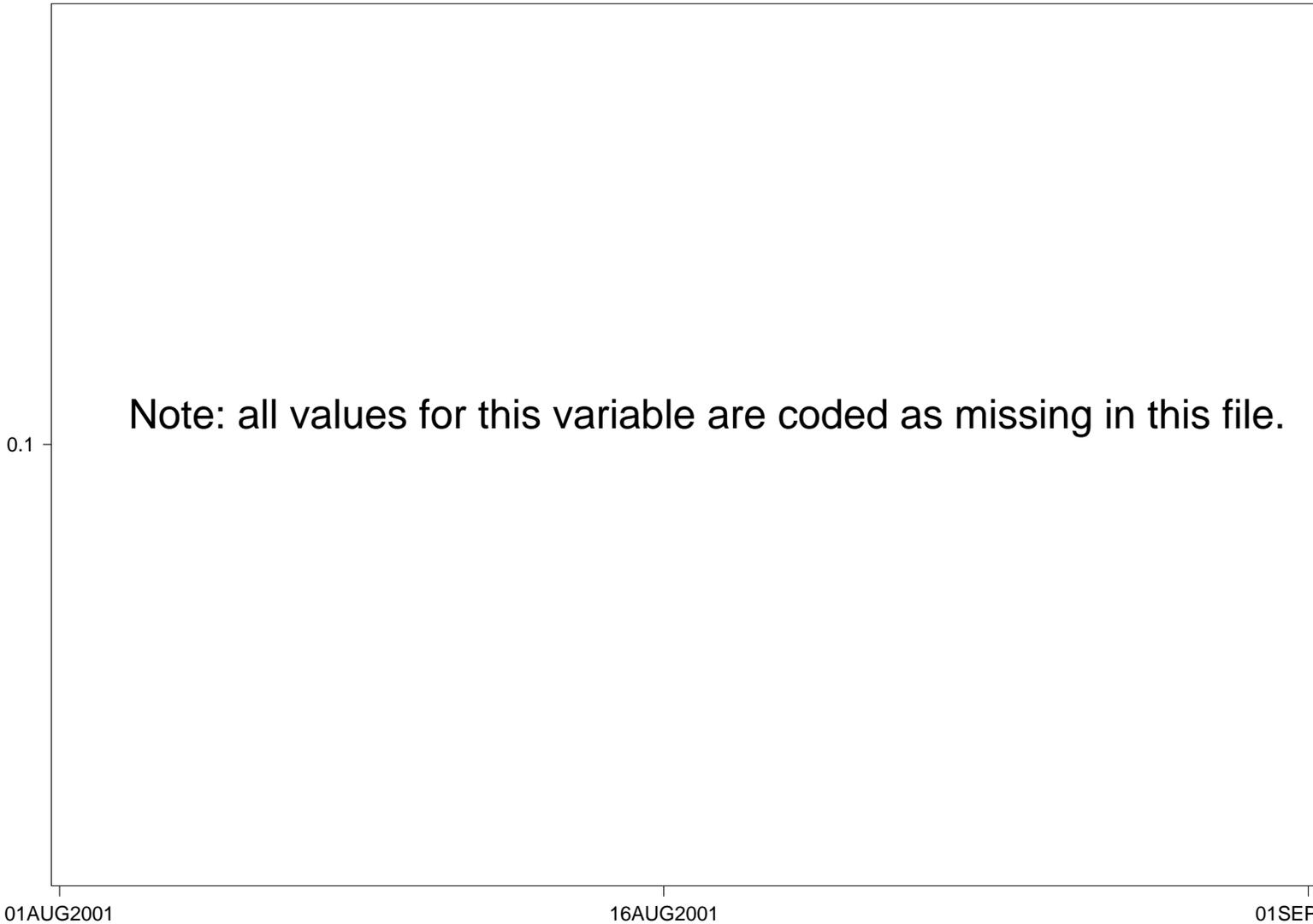
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Carbon: total elemental** Units: **ug/m3** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Carbon: total elemental (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

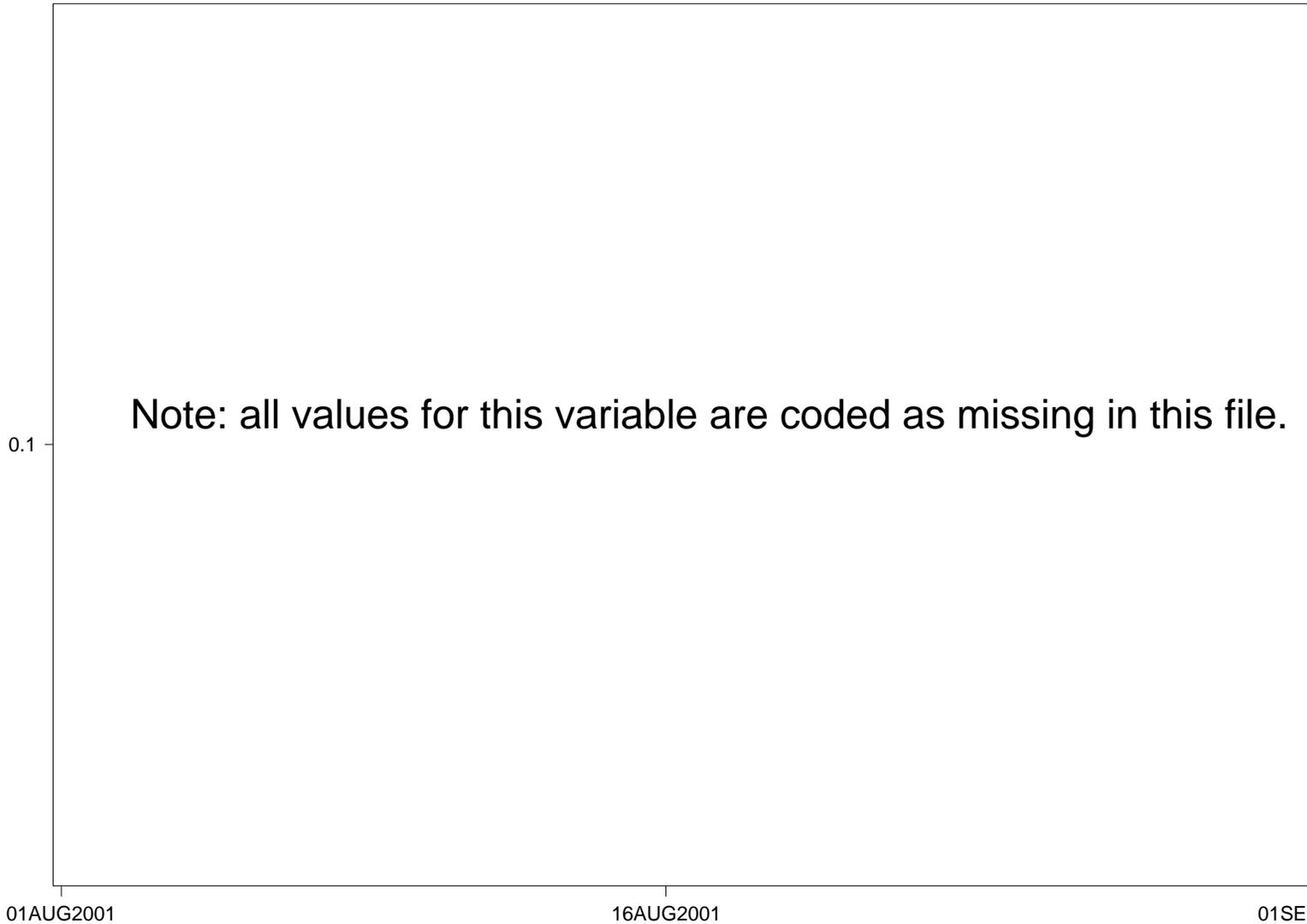
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 5400**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Carbon: total organic (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

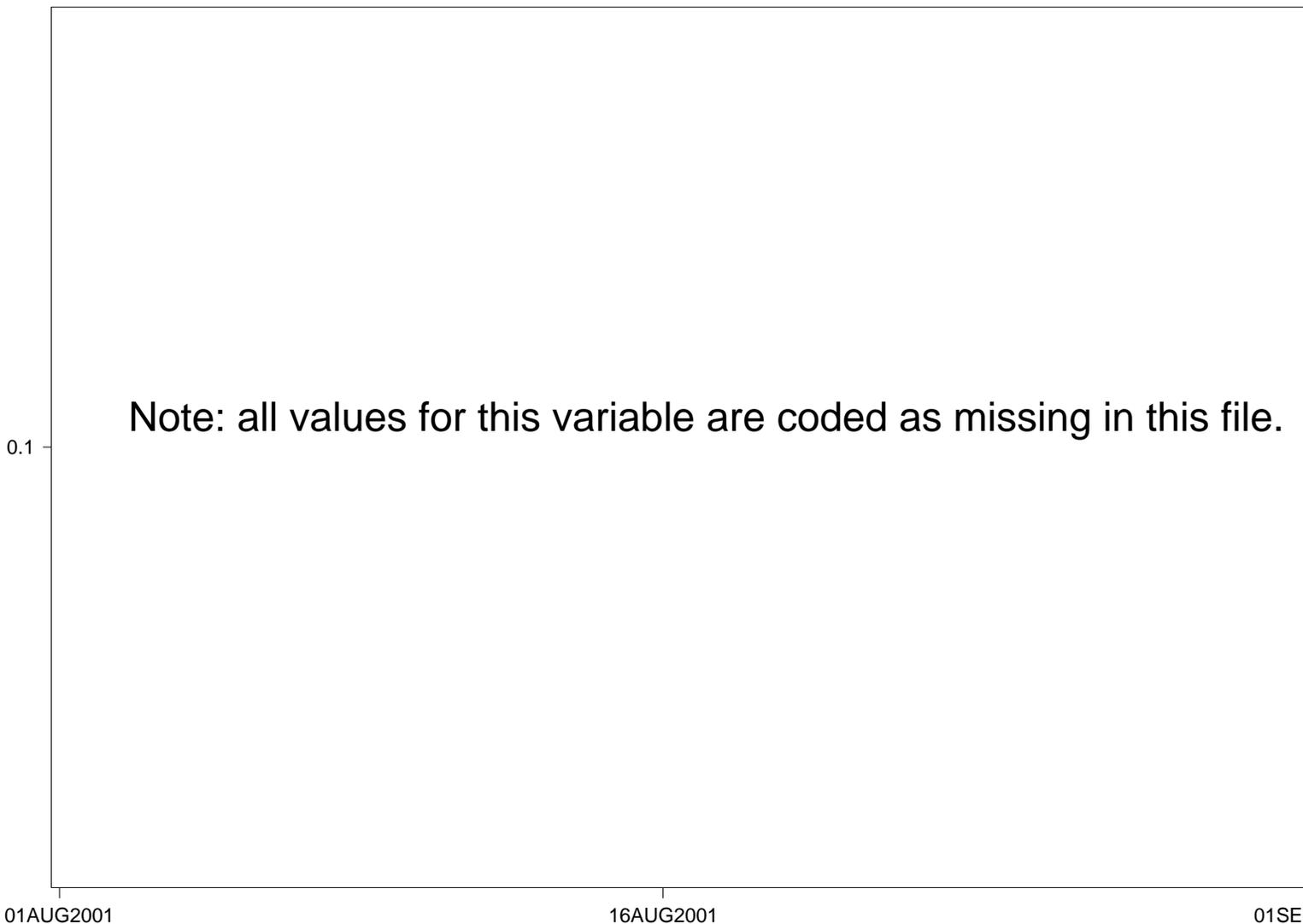
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Haze: coefficient of (COH)** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **BVM Industries**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Haze: coefficient of (COH)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

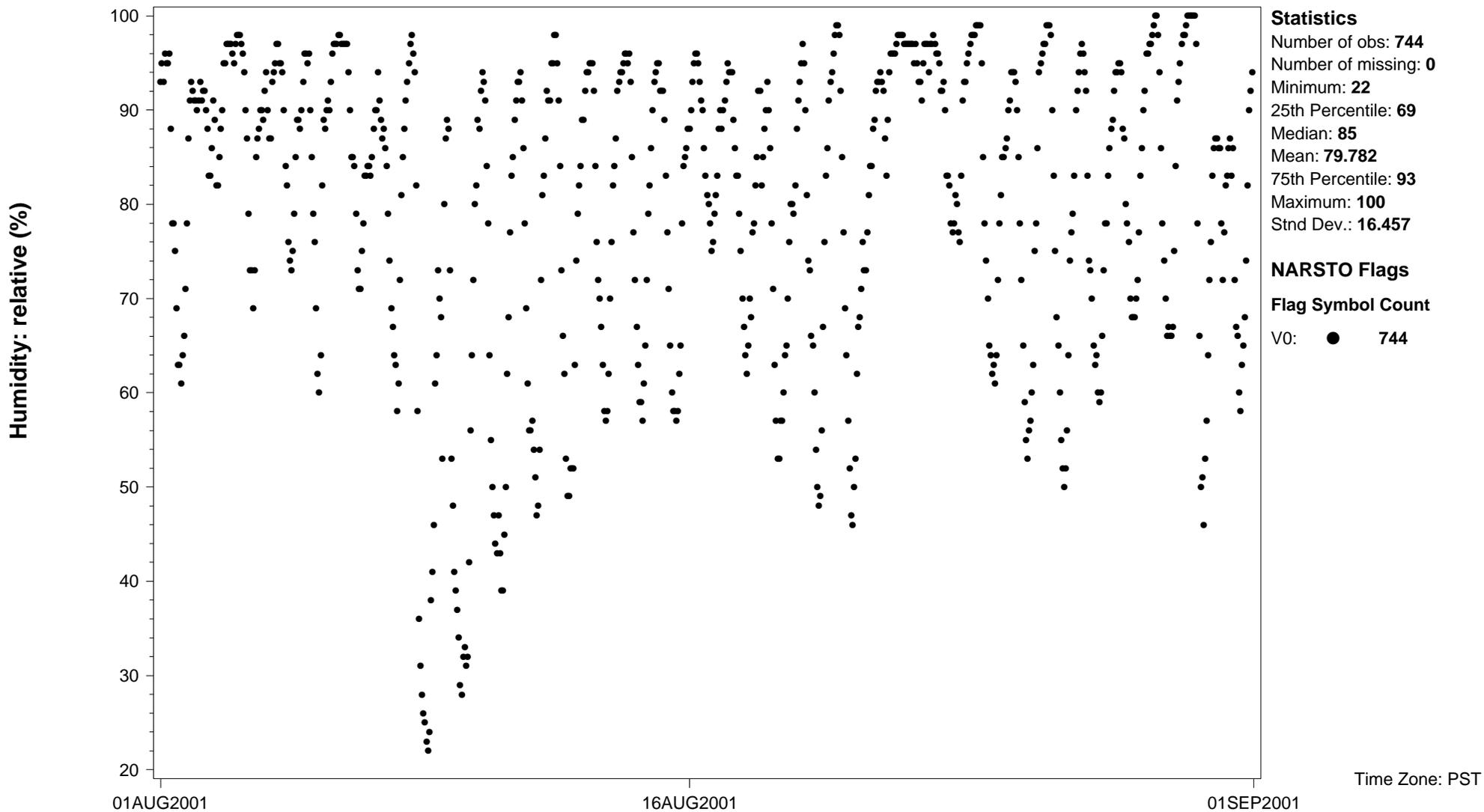
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Humidity: relative** Units: % Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Vaisala 8MP45A**

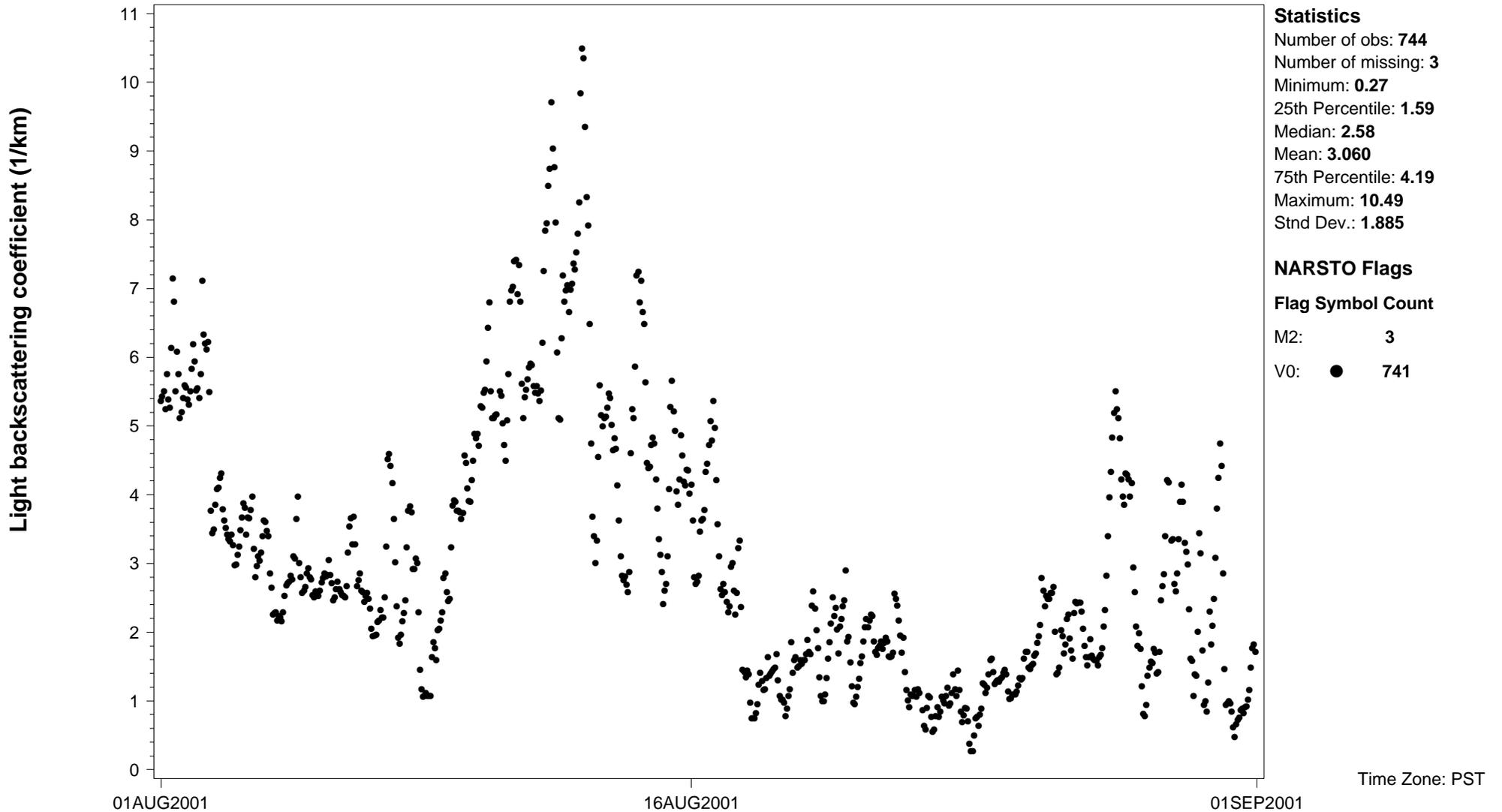
Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



Site ID: **PC01CABCT034** Variable name: **Light backscattering coefficient** Units: **1/km** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Particles** Instrument name and model number: **Nephelometer**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

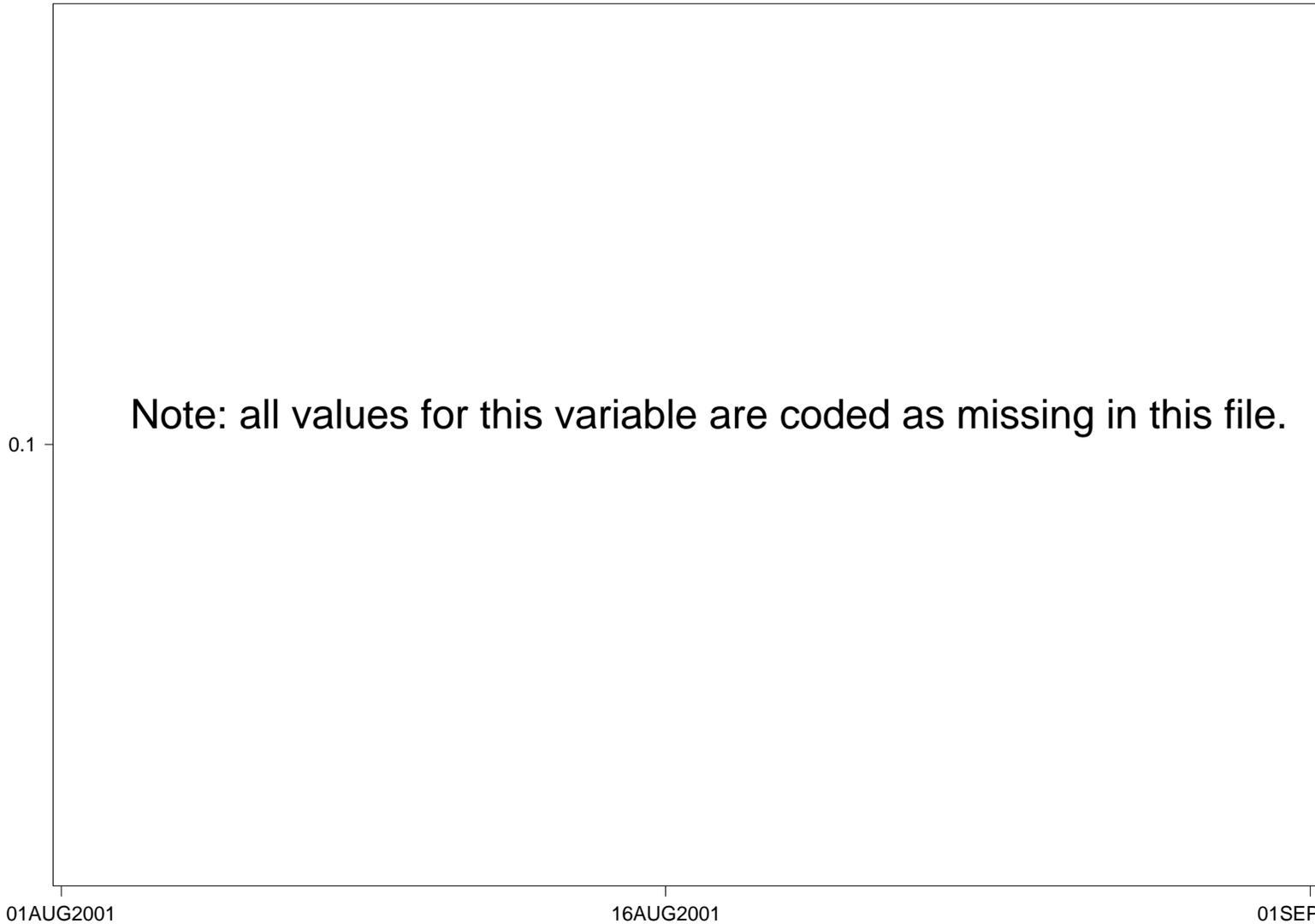


Site ID: **PC01CABCT034** Variable name: **NOx (nitric oxide + nitrogen dioxide)** Units: **ppmv** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

NOx (nitric oxide + nitrogen dioxide) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

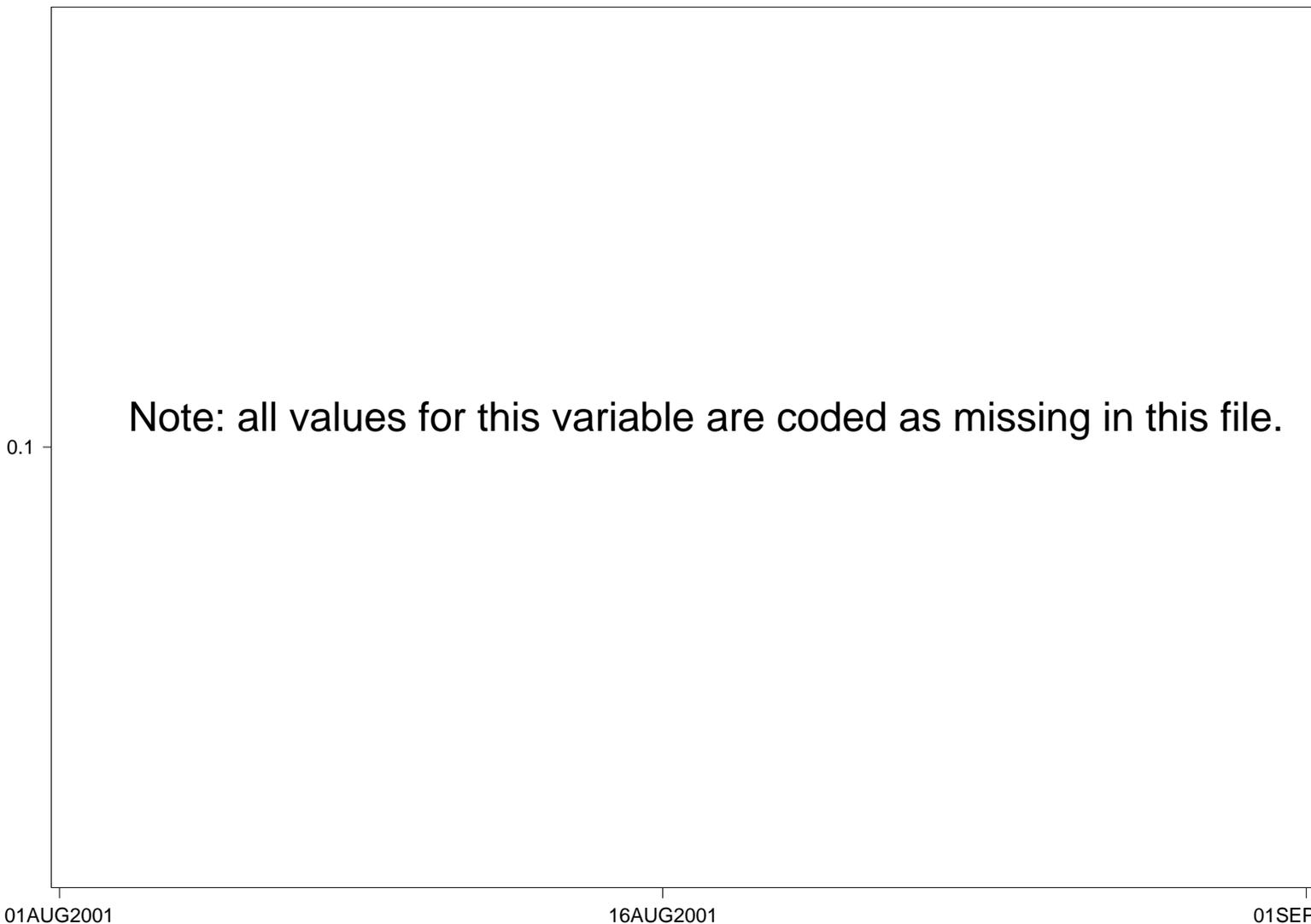
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Nitrogen oxide (NO)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-43-9** Observation type: **Gas** Instrument name and model number: **Information not available**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Nitrogen oxide (NO) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

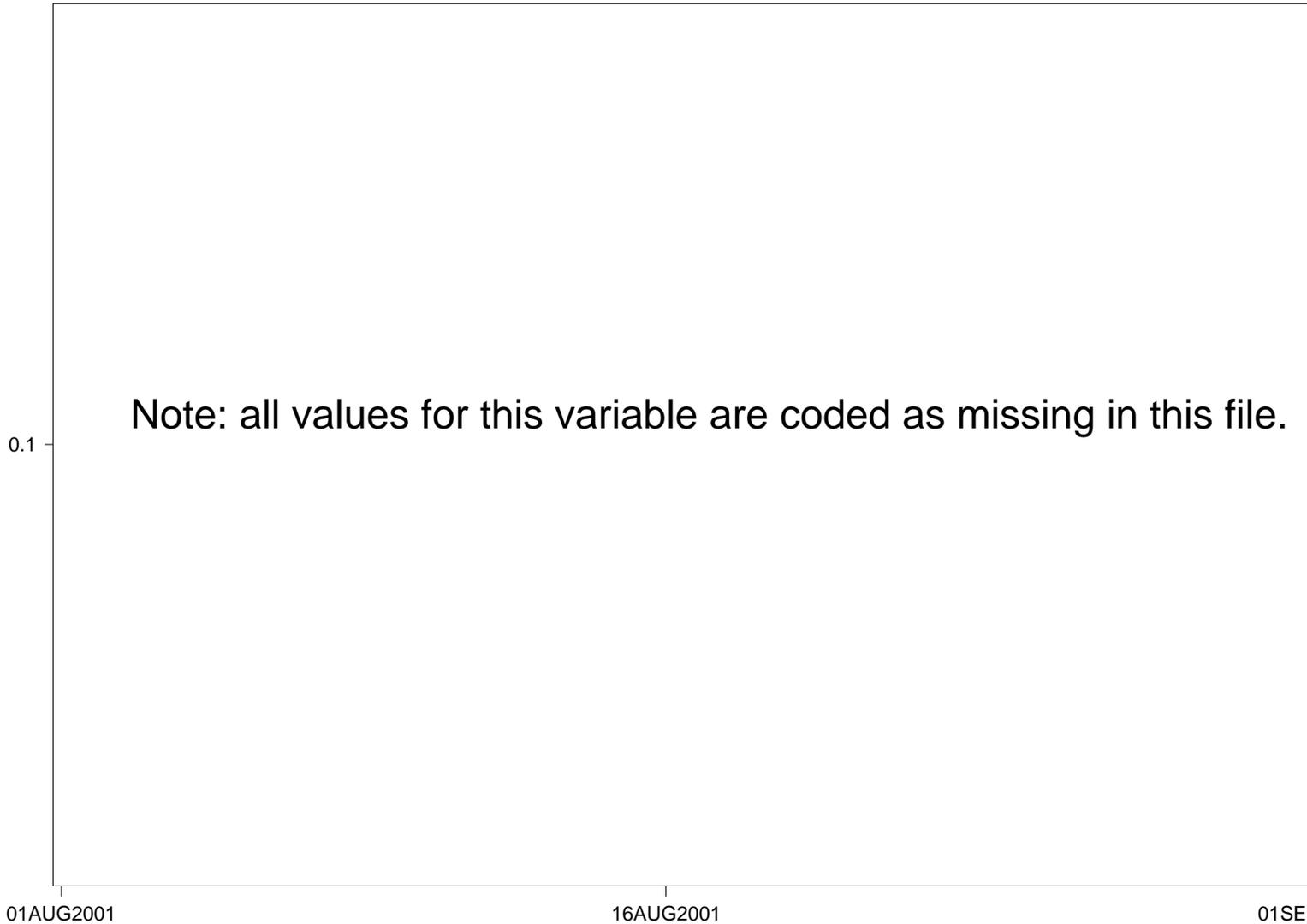
M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Nitrogen oxide (NO2)** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 CAS ID: **C10102-44-0** Observation type: **Gas** Instrument name and model number: **Teco 42,42C; Monitor Labs 8840**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Nitrogen oxide (NO2) (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

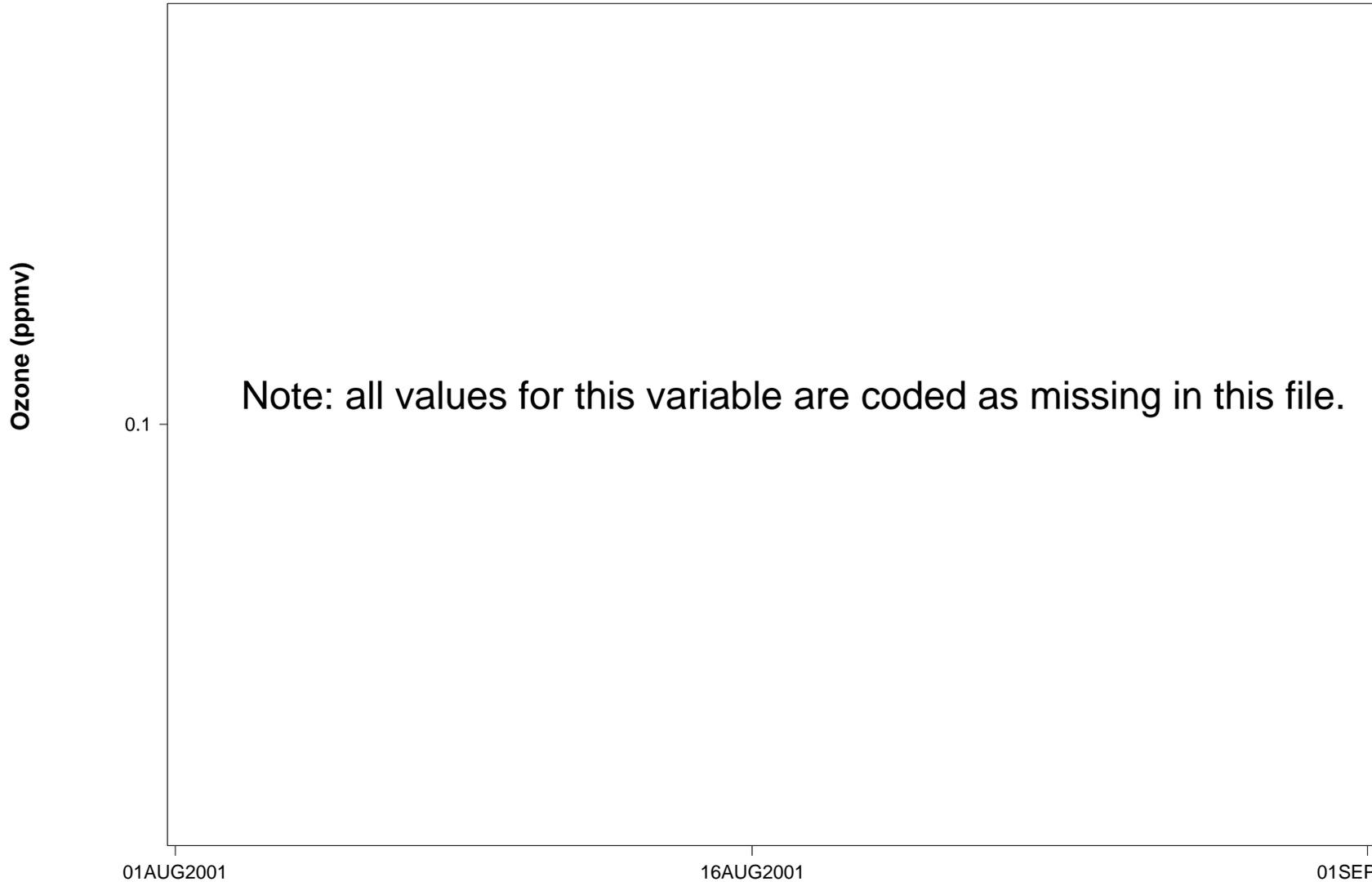
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Ozone** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C10028-15-6** Observation type: **Gas** Instrument name and model number: **Teco 49,49C**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

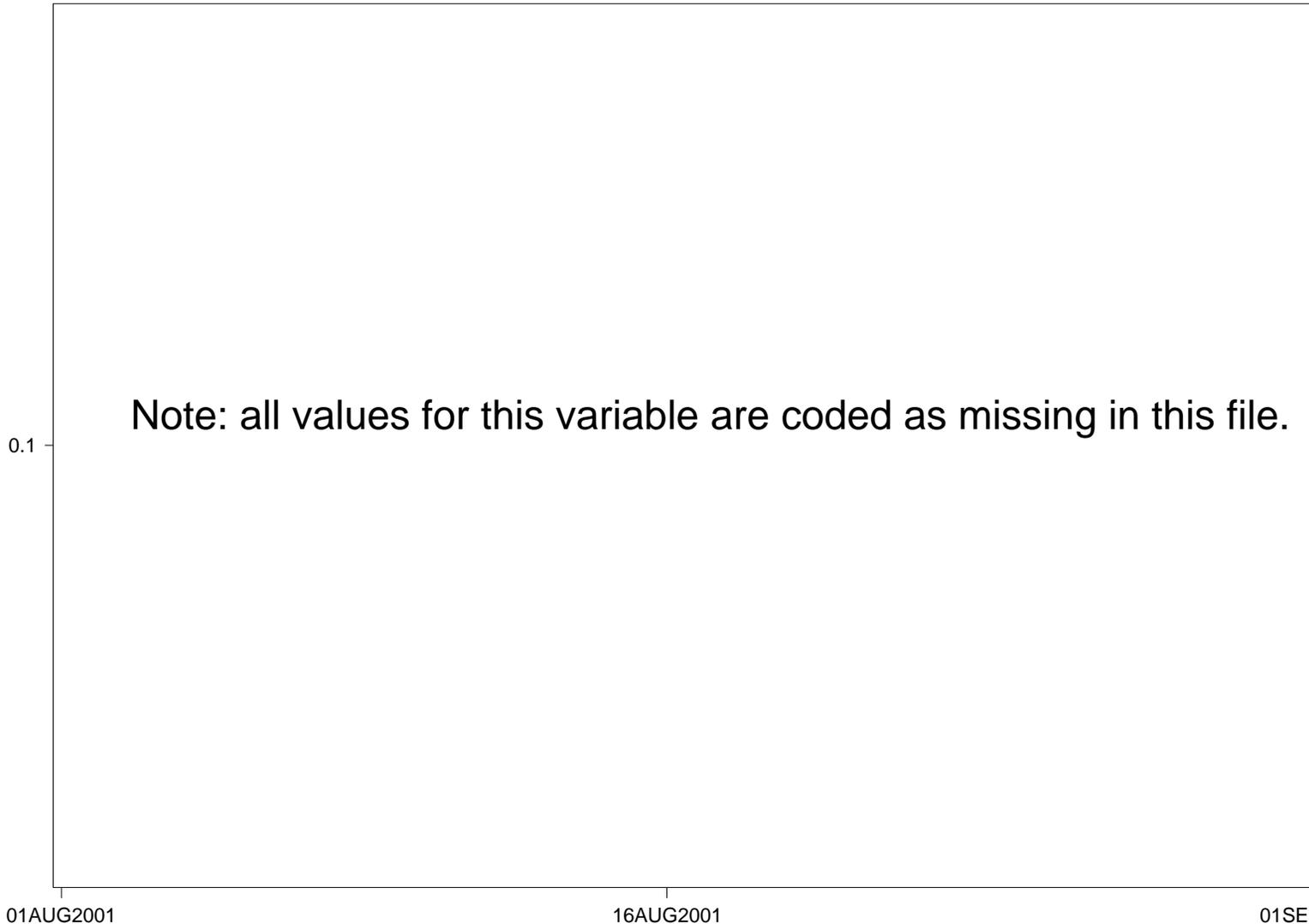
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **PM10: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

PM10: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

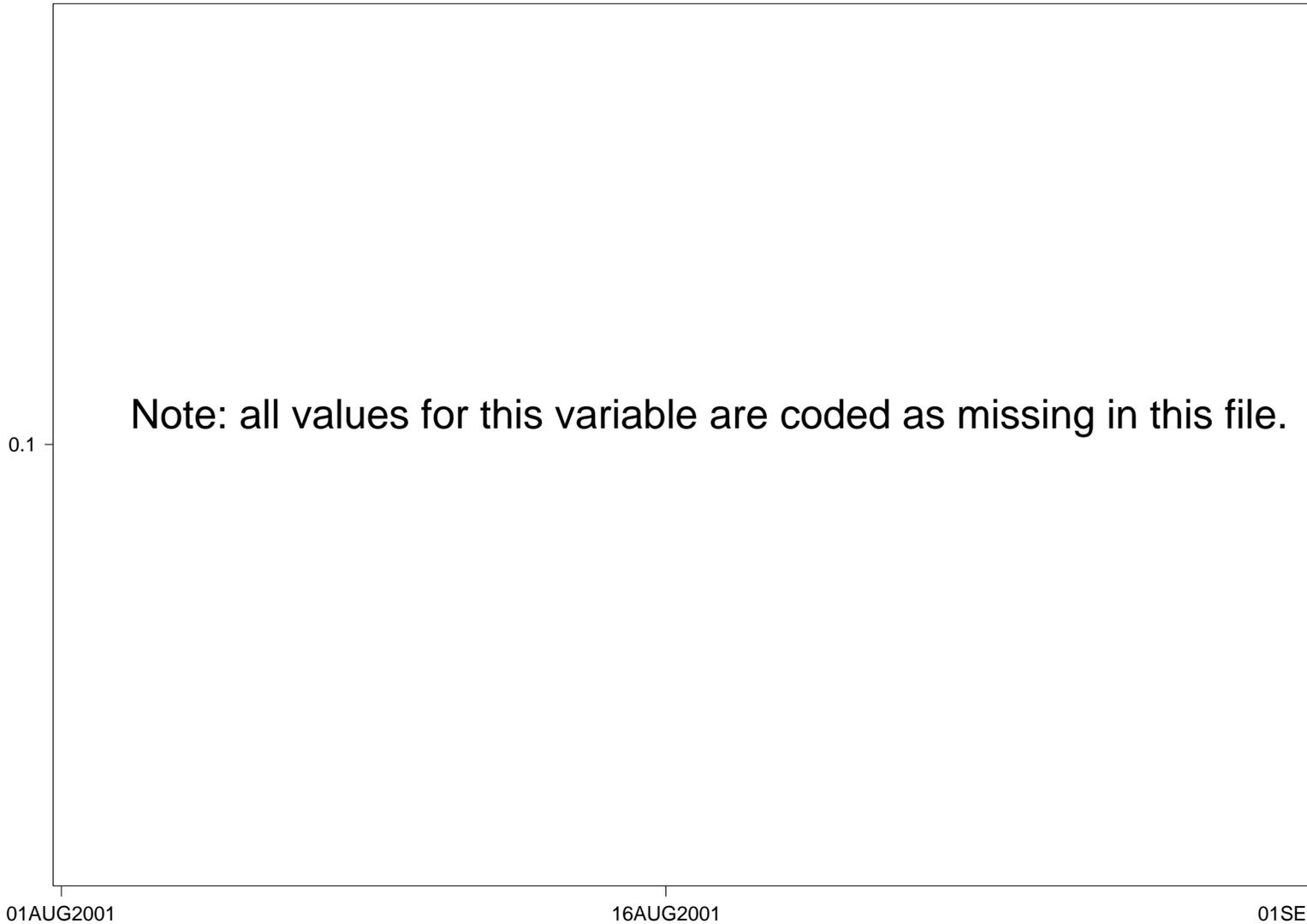
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **PM2.5: mass** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Particles** Instrument name and model number: **R+P 1400a, 1400b**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

PM2.5: mass (ug/m3)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

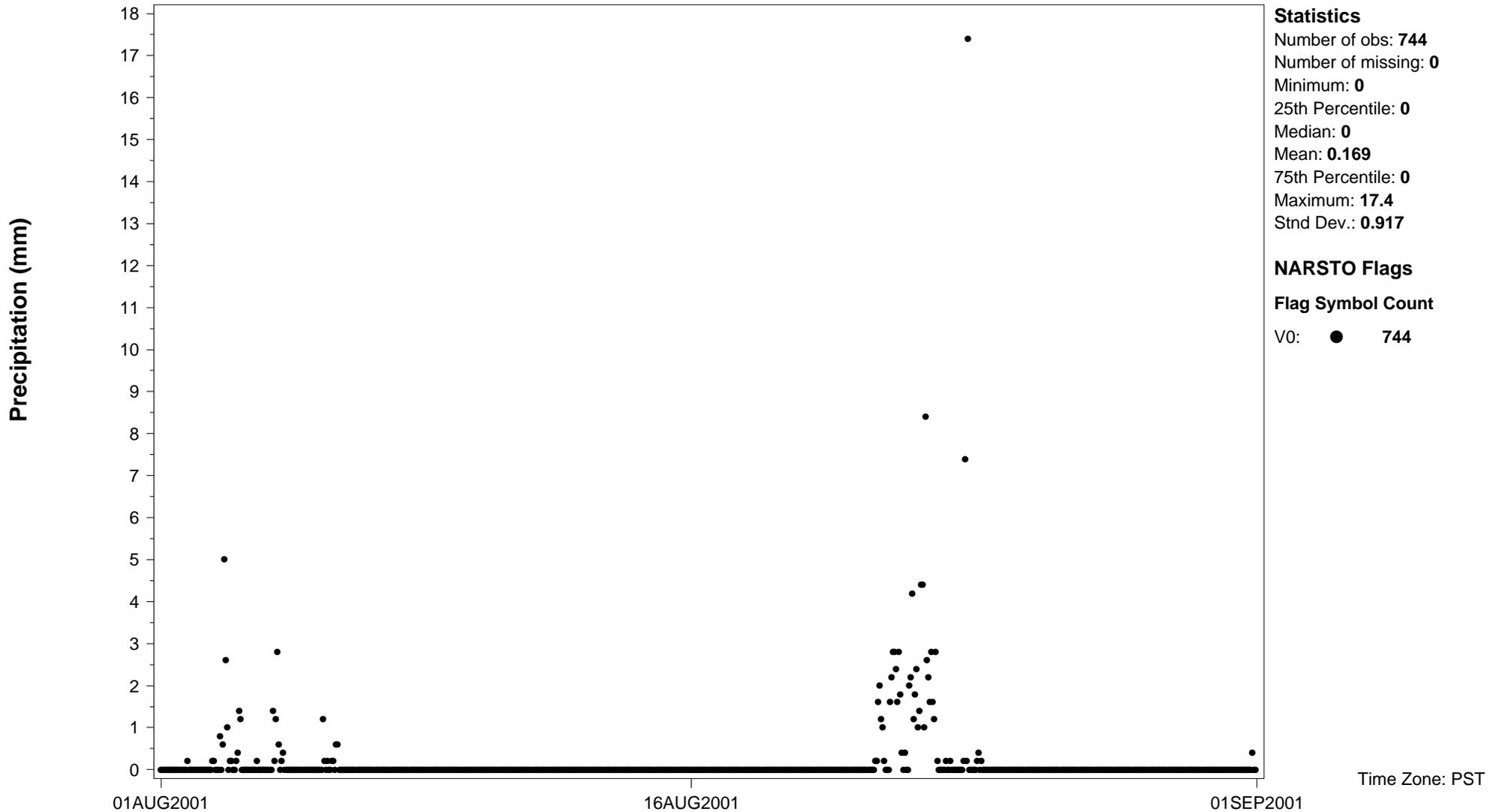
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT034** Variable name: **Precipitation** Units: **mm** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

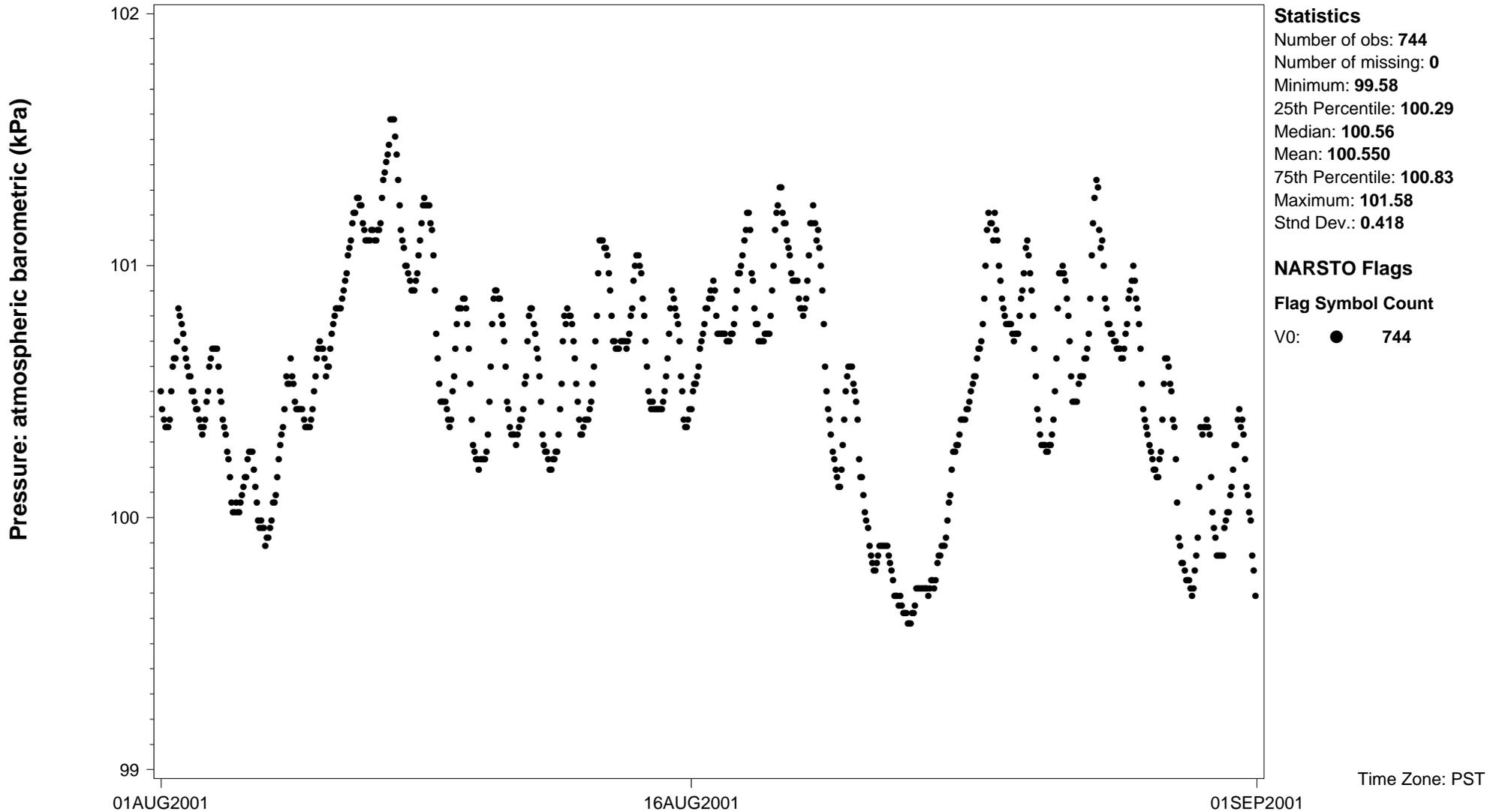
Observation type: **Meteorology** Instrument name and model number: **Ota Keiki OTA34T**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



Site ID: **PC01CABCT034** Variable name: **Pressure: atmospheric barometric** Units: **kPa** Sampling interval: **1 hour**  
 Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



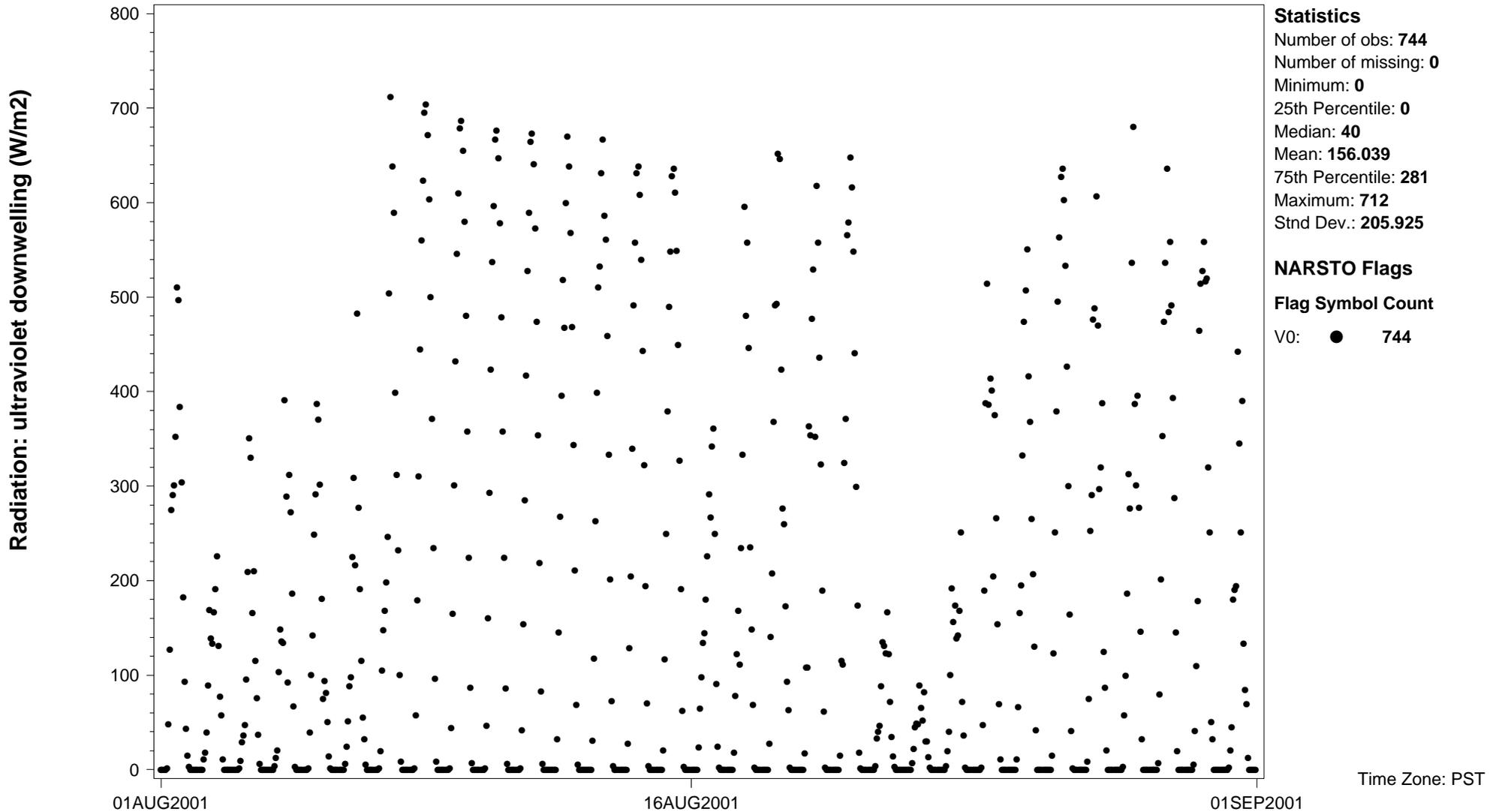
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT034** Variable name: **Radiation: ultraviolet downwelling** Units: **W/m2** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **LiCor Li-200SA**

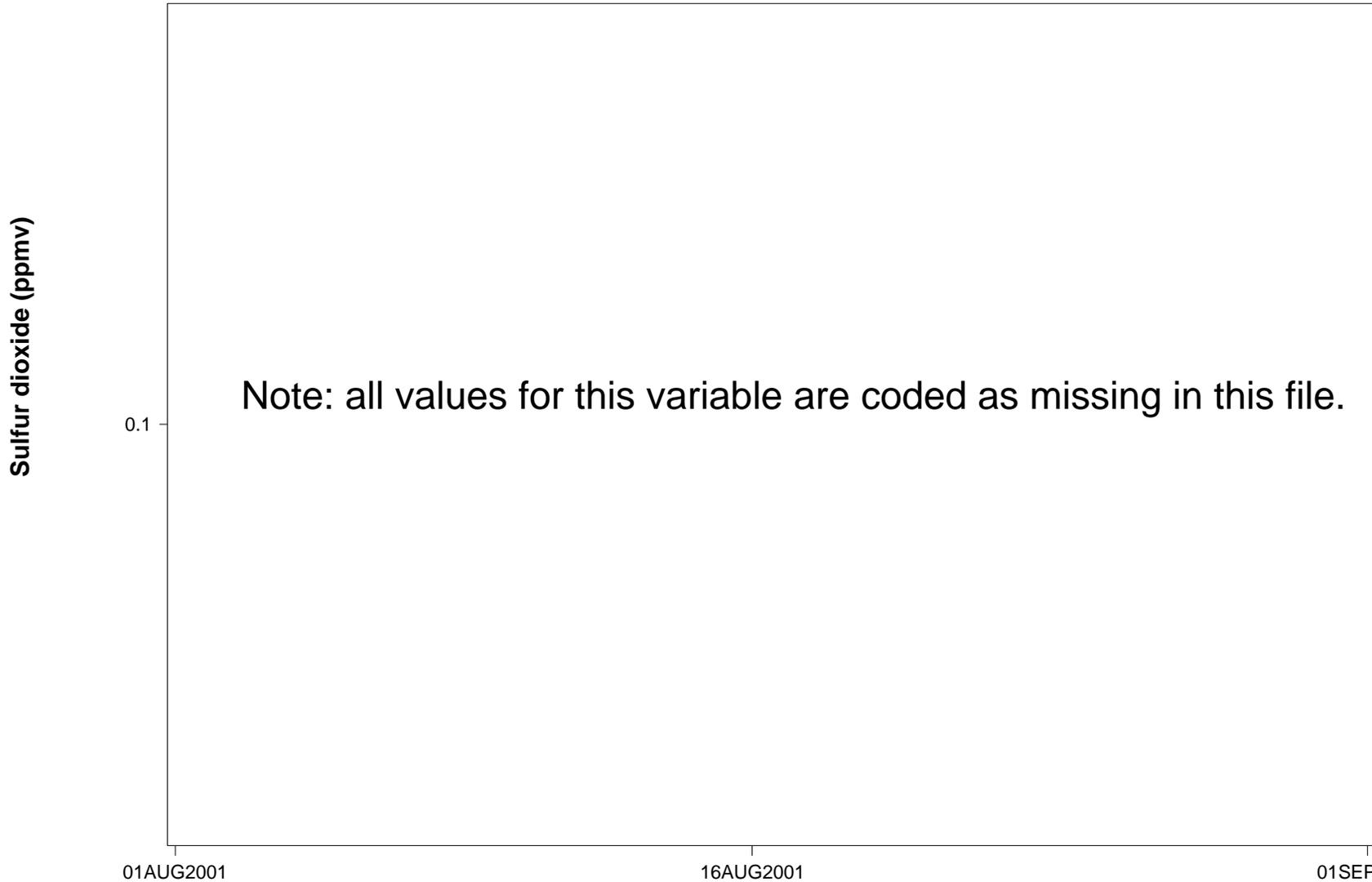
Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



Site ID: **PC01CABCT034** Variable name: **Sulfur dioxide** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

CAS ID: **C7446-09-5** Observation type: **Gas** Instrument name and model number: **Teco 43,43A,43B,43C**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



**Statistics**  
 Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

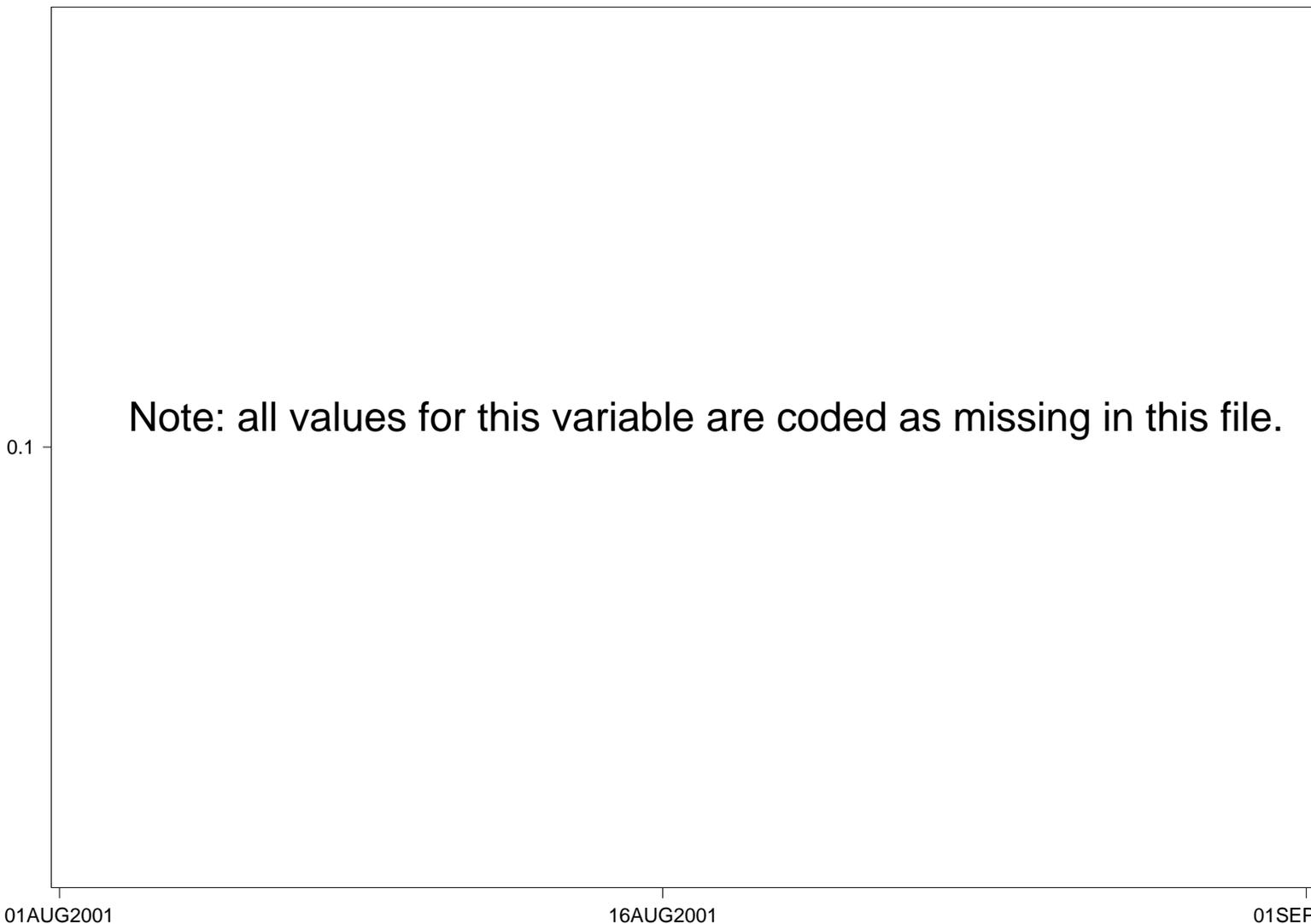
**NARSTO Flags**  
**Flag Symbol Count**  
 M1: **744**

Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Sulfur: total reduced** Units: **ppmv** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**  
 Observation type: **Gas** Instrument name and model number: **Teco 43A,43B,43C**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Sulfur: total reduced (ppmv)



**Statistics**

Number of obs: **744**  
 Number of missing: **744**  
 Minimum: .  
 25th Percentile: .  
 Median: .  
 Mean: .  
 75th Percentile: .  
 Maximum: .  
 Stnd Dev.: .

**NARSTO Flags**

**Flag Symbol Count**

M1: **744**

Time Zone: PST

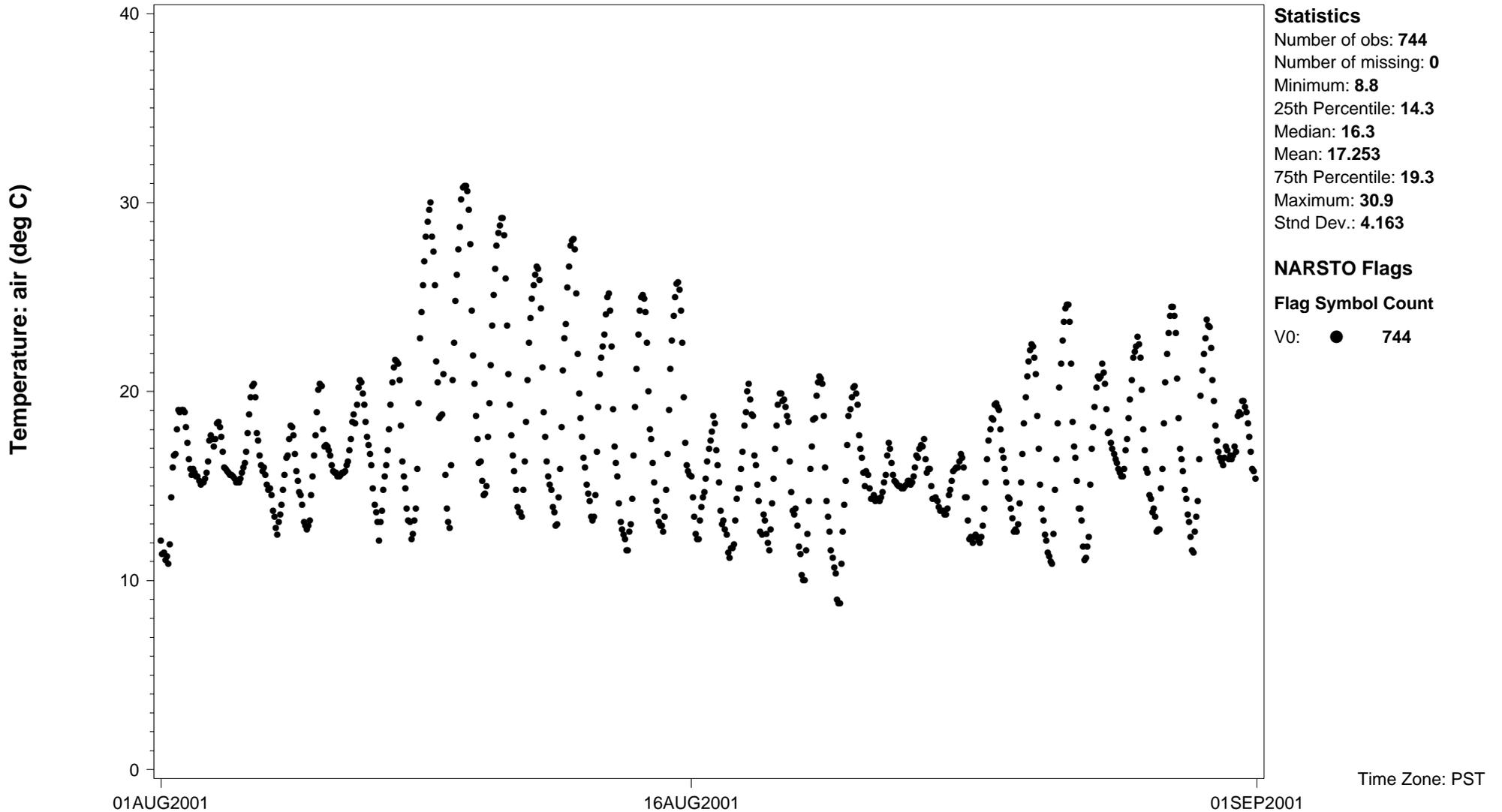
# NAtChem Time Series Plot

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Site ID: **PC01CABCT034** Variable name: **Temperature: air** Units: **deg C** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**

Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

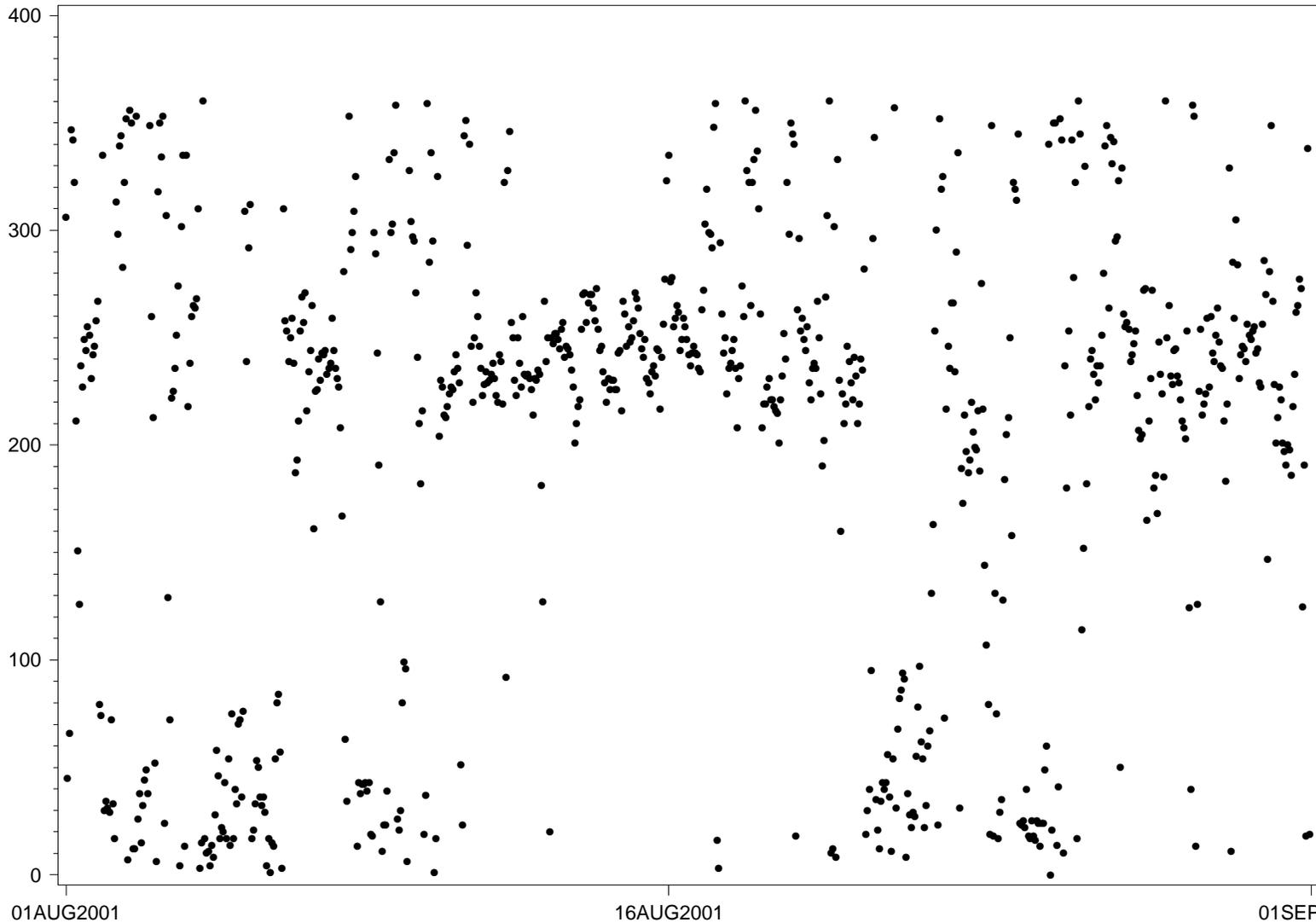


Site ID: **PC01CABCT034** Variable name: **Wind direction: horizontal mean scalar** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Wind direction: horizontal mean scalar (decimal degree)



**Statistics**  
 Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **0**  
 25th Percentile: **119**  
 Median: **233**  
 Mean: **199.403**  
 75th Percentile: **261**  
 Maximum: **360**  
 Stnd Dev.: **104.250**

**NARSTO Flags**  
 Flag Symbol Count  
 V0: ● 744

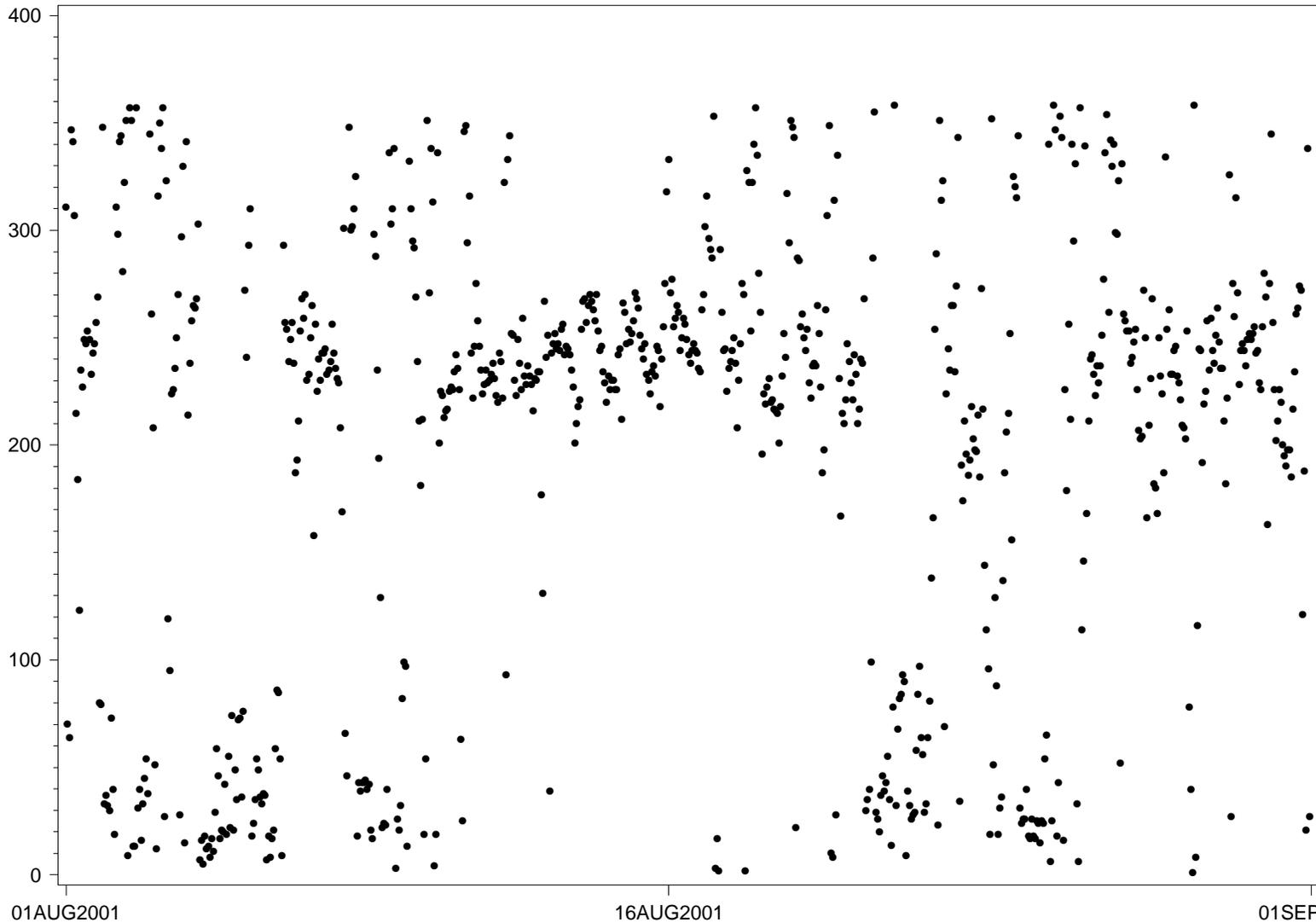
Time Zone: PST

Site ID: **PC01CABCT034** Variable name: **Wind direction: horizontal resultant mean vector** Units: **decimal degree** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

Wind direction: horizontal resultant mean vector (decimal degree)



**Statistics**

Number of obs: **744**  
 Number of missing: **0**  
 Minimum: **1**  
 25th Percentile: **95.5**  
 Median: **232.5**  
 Mean: **197.085**  
 75th Percentile: **259**  
 Maximum: **358**  
 Stnd Dev.: **103.387**

**NARSTO Flags**

Flag Symbol Count  
 V0: ● **744**

Time Zone: PST

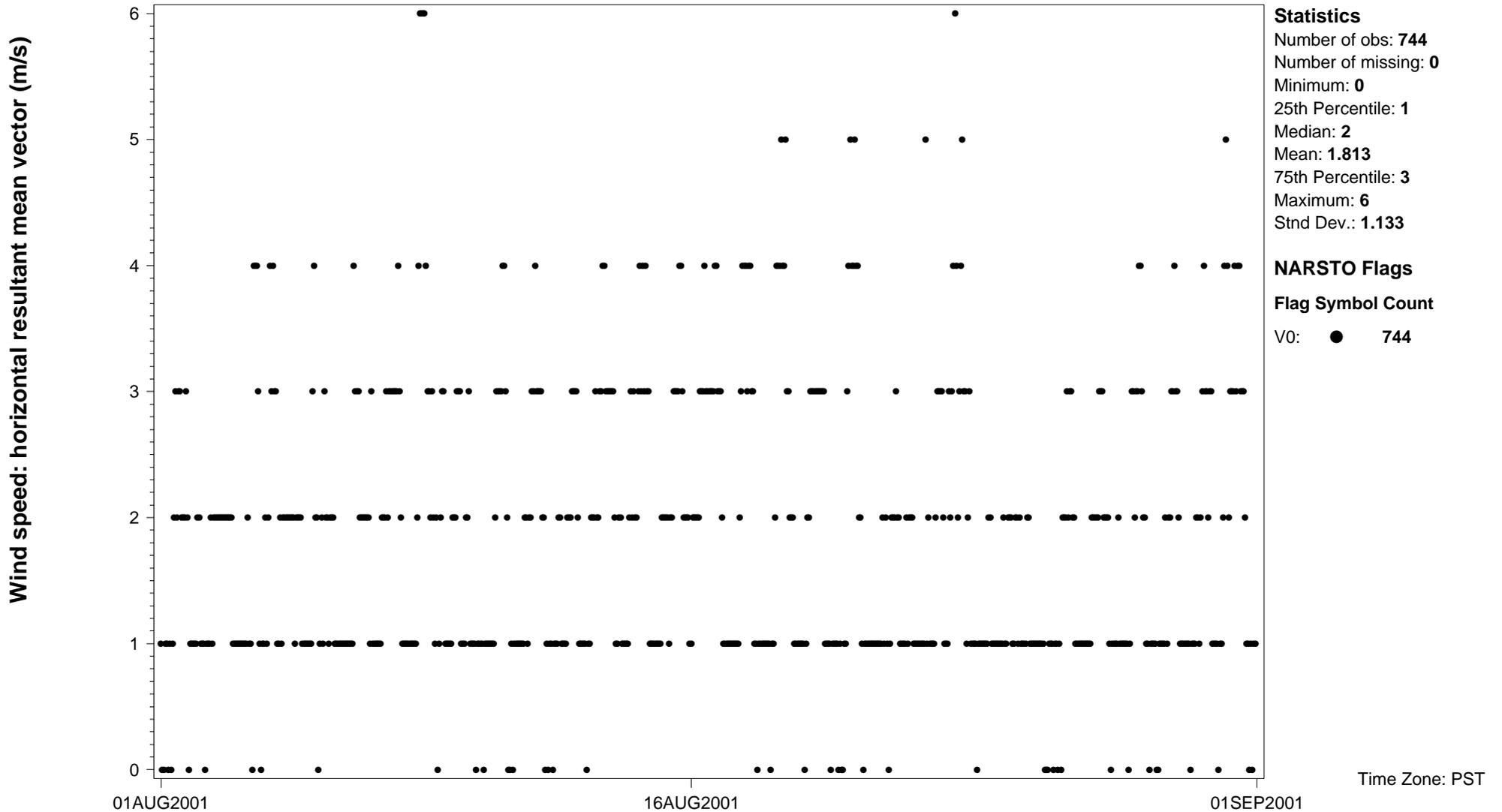
NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT034** Variable name: **Wind speed: horizontal resultant mean vector** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [



NAtChem Time Series Plot

30SEP2004

Site ID: **PC01CABCT034** Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **1 hour**

Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Instrument name and model number: **Met-one**

Site Name: **ALDERGROVE - 31790 WALMSLEY ROAD - ALDERGROVE (Start May, 2001), British Columbia** Latitude: **49.02361111 deg.** Longitude: **-122.3438889 deg.** Start [

